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AIR QUALITY MONITORING REPORT

ONTARIO 1973



VOL. 4



Ministry
of the
Environment

Hon. William G. Newman,
Minister

Everett Biggs,
Deputy Minister

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AIR QUALITY MONITORING REPORT

ONTARIO 1973

VOL. 4



Ministry
of the
Environment

Hon. William G. Newman,
Minister

Everett Biggs,
Deputy Minister

CONTENTS

TOTAL OXIDANTS

Region	Station Number	Location	No. of Months	Page
1	12008	471 University Ave. Windsor	12	1
	14049	156 Victoria St. Sarnia	11	8
	15001	King-Rectory London	12	15
2	29025	Barton-Wentworth Hamilton	12	22
5	51001	MacDonald Gardens Ottawa	12	29
	56051	Memorial Park Cornwall	12	36

CARBON MONOXIDE

1	12008	471 University Ave. Windsor	12	43
2	29025	Barton-Wentworth Hamilton	11	50
3	31001	67 College St., 5th Floor Toronto	12	57
	33002	Pharmacy-401 Scarborough	12	64
	34007	Bathurst-Wilson North York	12	71
	35003	Elmcrest Road Etobicoke	5	78
	35033	Evans-Arnold Etobicoke	6	82

TOTAL HYDROCARBONS

1	12008	471 University Ave. Windsor	12	86
	14049	Victoria St. Sarnia	12	93
	15001	King-Rectory London	12	100
	16001	Horticultural Station Simcoe	12	107
2	29025	Barton-Wentworth, Hamilton	12	114

Region	Station Number	Location	No. of Months	Page
3	31001	67 College St., 5th Floor Toronto	12	121
	31081	67 College St., 1st Floor Toronto	12	128
	33002	Pharmacy-Hwy. 401 Scarborough	12	135
	33003	Lawrence-Kennedy Scarborough	12	142
	34002	Science Centre North York	12	149
	34007	Bathurst-Wilson North York	12	156
	35003	Elmcrest Road Etobicoke	12	163
	35033	Evans-Arnold, Etobicoke	12	170
5	51001	MacDonald Gardens Ottawa	12	177
	56051	Memorial Park Cornwall	11	184
7	77016	Ash St. Water Tank Sudbury	11	191

NITROGEN DIOXIDE

(a) Saltzmann

1	12008	471 University Ave. Windsor	12	198
	14049	156 Victoria St. Sarnia	12	205
	15001	King-Rectory London	12	212
	16001	Horticultural Stn. Simcoe	6	219
2	22032	½ mi. W Hwy. 6-Hwy. 2 Jarvis	5	223
	29025	Barton-Wentworth Hamilton	12	227
3	33002	Pharmacy-401 Scarborough	12	234
	33003	Lawrence-Kennedy Scarborough	4	241
	34002	Science Centre North York	4	244
	34007	Bathurst-Wilson North York	12	247
	35003	Elmcrest Road Etobicoke	11	254
5	56051	Memorial Park Cornwall	7	261
7	77016	Ash Street Sudbury	4	266

Region	Station Number	Location	No. of Months	Page
NITROGEN DIOXIDE				
(b) Coulometric				
1	16001	Horticultural Station Simcoe	7	269
2	22031	E. 6. O Nanticoke G.S.	8	274
	22032	½ mi. W. Hwy. 6-Hwy. 2, Jarvis	8	279
3	31001	67 College St. 5th Floor Toronto	4	284
(c) Chemiluminescence				
3	31001	67 College St., 5th Floor Toronto	11	287
	33003	Lawrence-Kennedy Scarborough	8	294
OZONE				
1	16001	Horticultural Station Simcoe	10	299
3	31001	67 College St., 5th Floor Toronto	7	304

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
2	3	3	4	3	3	2	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	3	3	3	2
3	3	3	2	1	1	1	1	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	2	1	1
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6	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	0	1	1	1	1	0	0	0	1
7	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
9	1	1	0	0	0	0	0	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	0	0	1
10	0	0	0	0	0	0	0	2	0	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	1
11	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1
22	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	1	1	2	2	2
23	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2
26	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	4	4	3	6	6	5	4	3
27	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	2	2	1	1	1	1	1
29	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	0	1	1	1	0	1
30	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	3	1
31	3	3	3	4	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	1	1	1

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	0	1
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6	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	1	1	1
7	1	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
9	1	1	1	0	1	0	1	1	1	2	2	2	2	2	2	2	1	1	2	2	1	0	0	0	1
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11	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
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13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	0	0	0	0	0	0	1
17	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
18	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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21	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	2	1	0	1	1	1	1	1	1
23	1	1	1	1	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1
24	1	1	1	0	0	0	0	0	1	1	1	2	2	2	2	2	1	1	1	1	1	0	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
27	1	0	0	0	0	0	0	0	2	2	2	2	2	3	3	3	2	2	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
2	3	3	3	3	2	3	3	3	3	3	2	1	2	2	2	3	2	2	2	2	2	2	2	2	2
3	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1
4	2	2	2	2	2	2	2	1	2	2	2	2	3	3	2	3	3	4	3	3	2	2	2	1	2
5	3	1	1	1	1	1	1	1	2	2	3	4	4	5	5	5	5	5	4	3	2	3	2	2	3
6	3	3	2	3	4	3	3	3	3	3	3	4	5	6	6	6	6	6	6	5	3	4	4	4	4
7	4	4	4	4	3	2	1	2	2	3	4	4	5	6	5	4	3	3	3	3	4	3	3	3	4
8	3	3	3	3	3	2	2	2	2	2	2	2	3	3	2	3	2	3	3	2	2	1	1	2	2
9	2	2	2	2	2	2	2	2	2	2	3	3	4	4	5	4	4	4	4	3	2	2	2	3	3
10	3	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	3	2	2	2	2	2
11	1	1	1	1	2	1	1	2	2	3	3	3	3	3	3	3	2	3	3	2	1	1	2	1	2
12	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	3	3	2	2	2	1	1	1	1	2
13	1	2	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
14	2	2	2	1	1	1	2	2	2	2	2	3	3	3	3	2	3	3	2	2	2	2	2	2	2
15	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2
16	1	1	1	1	0	0	1	2	2	2	4	4	4	4	2	2	1	1	2	2	1	1	2	1	2
17	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
18	1	1	1	1	1	1	1	2	2	3	4	5	5	4	4	2	2	2	1	1	1	1	1	1	2
19	2	1	1	1	0	0	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3
20																									
21																									
22																									
23																									
24	1	1	0	0	0	0	0	0	1	1	2	2	2	2	2	3	3	3	2	2	2	2	3	3	2
25	3	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	0	2	2	1
26																									
27																									
28																									
29																									
30	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	2
31	1	1	1	1	1	2	2	3	2	2	3	4	4	4	4	4	4	4	3	3	3	3	2	2	3
MEAN	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	3	2	3	2	2	3
2	3	3	2	2	2	2	1	2	2	2	3	3	3	4	4	5	6	6	4	3	3	3	4	3	3
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4	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
5	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
6	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
7	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	2	2
8	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
9	2	2	2	1	2	2	2	2	2	3	3	3	3	3	6	6	6	6	5	4	3	3	3	2	2
10	2	1	1	1	1	2	2	2	2	3	3	5	4	7	5	3	4	4	4	4	2	2	2	2	3
11	2	1	1	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
12	2	1	1	2	1	1	1	2	2	2	2	2	4	4	4	4	4	3	3	2	2	2	2	1	2
13	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	4	3	3	3	2	1	1	1	1	2
14	2	2	2	2	2	3	5	3	3	4	5	5	5	7	8	6	9	10	10	7	4	4	4	4	5
15	2	2	2	3	2	2	2	2	4	5	6	6	6	6	6	6	6	10	10	5	4	4	4	4	4
16	3	2	2	1	1	1	1	1	1	1	2	3	3	3	3	4	3	3	3	2	2	2	2	2	4
17	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	2	2	2	2	2	2
19	2	2	2	1	1	1	1	1	2	2	2	3	3	3	3	4	5	4	3	3	3	3	2	2	2
20	2	1	1	1	2	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
21	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	2	2	2	2	2	2
22	2	2	1	2	2	2	2	2	2	3	3	3	3	4	3	3	3	4	3	3	2	2	1	1	2
23	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	3	1	1	1	1	2
24	1	1	1	2	2	1	1	1	2	2	2	3	3	4	4	4	4	3	2	2	1	1	1	1	2
25	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	5	6	6	6	4	3	3	3	3	3
26	3	2	2	2	1	2	2	2	2	3	3	5	6	7	8	3	3	2	2	2	3	3	3	3	3
27	3	2	2	2	2	3	3	3	3	3	3	3	3	1	1	1	4	3	3	3	3	3	2	2	3
28	2	2	2	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	1	1	1	1	2
29	1	1	1	2	1	2	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	2	2	1
30	2	2	2	1	1	1	2	2	2	2	2	3	3	5	5	3	4	3	3	2	2	2	2	2	2
MEAN	2	2	2	2	1	1	2	2	2	2	2	3	3	4	3	4	4	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	****	2	2	2	3	5	5	5	5	5	5	4	3	2	2	2	1	3
2	1	1	1	1	1	1	0	****	2	2	3	4	4	3	5	5	4	4	3	2	2	2	2	2	2
3	2	1	1	1	1	1	1	****	1	2	5	5	6	6	7	7	7	7	6	4	5	6	6	6	4
4	4	3	3	2	***	***	***	****	2	3	3	5	5	6	9	7	7	8	6	4	3	3	4	4	5
5	3	2	2	2	2	3	3	****	2	2	2	2	3	3	3	3	3	3	2	3	3	3	2	3	3
6	4	2	2	2	2	2	2	****	***	***	3	3	3	3	3	3	3	3	3	1	1	1	1	1	2
7	0	0	1	***	1	2	2	****	2	2	2	2	2	3	3	3	3	3	3	2	1	1	1	1	2
8	1	1	1	1	1	1	1	****	2	2	2	2	2	2	3	3	3	2	2	1	1	1	1	1	2
9	1	1	1	1	1	1	1	****	1	2	2	2	2	3	4	4	4	3	3	3	3	1	1	1	2
10	1	2	2	4	3	3	4	****	2	4	***	4	4	5	***	6	5	5	4	3	2	3	4	2	3
11	2	2	3	3	2	1	***	****	***	***	***	***	2	2	3	3	***	2	2	1	1	2	2	1	2
12	2	1	1	1	1	2	4	****	4	2	2	2	2	2	2	2	2	2	2	2	4	5	5	6	3
13	2	6	6	6	5	5	7	****	***	3	3	4	4	4	5	4	3	4	3	3	3	3	3	3	4
14	5	2	2	1	1	1	2	****	2	2	2	2	2	3	4	4	4	4	4	3	2	2	2	2	2
15	1	1	2	3	3	4	5	****	***	4	5	5	5	5	5	4	3	4	3	2	2	2	1	1	3
16	1	1	1	1	1	1	1	1	****	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1
17	1	1	1	1	2	2	2	****	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	2	2	1	1	1	****	***	2	2	3	1	1	1	1	2	2	2	2	2	1	1	1
19	3	3	3	2	2	2	2	****	2	2	2	3	3	3	3	3	3	3	2	2	4	3	3	2	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	4	3	2	1	1	1	1	1
21	1	1	2	1	1	1	1	****	1	1	1	1	2	2	2	***	1	2	2	1	1	1	1	0	1
22	0	0	1	1	1	1	0	****	2	2	1	1	2	2	2	2	2	2	1	1	1	1	0	1	1
23	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	***	***	***	***	***	***	***	****	***	3	2	2	2	2	2	2	2	3	3	2	3	3	2	2	***
25	2	2	2	2	1	1	1	1	1	1	2	2	3	3	4	4	3	4	3	3	2	2	2	2	2
26	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	***	***	***	***	***	***	***	****	***	2	2	2	2	2	2	2	2	1	1	1	0	0	1	0	***
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1
29	0	1	5	4	4	3	2	****	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
30	0	0	0	0	0	0	0	****	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
MEAN	2	1	2	2	2	2	2	1	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	****	****	0	0	1	1	2	****	****	1	1	1	1	1	1	1	1	0	1
2	0	1	1	1	0	0	0	0	0	1	1	1	1	2	2	2	1	1	1	1	1	2	3	4	5	1
3	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	2	1	1	1	1	3	2	4	5	2	
4	1	1	1	1	1	1	1	****	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	
5	1	1	1	1	1	0	1	****	1	1	1	2	2	2	3	2	2	1	1	1	3	3	4	4	2	
6	6	6	4	4	5	4	6	****	3	2	2	2	3	3	4	4	3	2	2	2	2	2	2	2	3	
7	2	2	2	1	1	1	1	1	2	2	2	2	3	2	3	2	3	2	2	1	2	1	1	1	2	
8	2	1	1	1	1	1	1	****	1	1	1	1	2	2	3	3	3	2	2	1	1	1	1	1	1	
9	1	1	1	2	1	1	1	****	1	1	1	2	2	3	2	3	2	2	2	1	2	2	3	3	2	
10	2	1	1	1	1	1	1	1	****	****	2	2	2	2	3	3	3	3	2	4	2	3	3	3	2	
11	2	3	3	3	2	2	1	****	2	2	2	3	4	5	5	5	4	3	3	3	3	3	2	1	3	
12	1	1	1	1	1	1	1	****	1	1	2	3	3	4	4	3	2	1	1	1	1	1	1	1	2	
13	1	1	1	1	1	2	1	****	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	****	2	2	****	****	****	****	2	2	2	1	1	1	1	1	0	1	
16	1	1	0	0	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	5	4	4	5	5	6	5	4	****	1	1	2	2	2	2	2	2	1	1	1	1	2	1	1	3	
20	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	
21	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	3	4	****	6	4	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	
23	2	3	4	3	3	3	4	****	7	6	5	3	4	4	4	4	4	3	3	4	4	2	2	2	4	
24	3	2	2	2	1	2	4	****	3	2	2	2	2	2	2	7	6	5	4	4	3	2	2	2	3	
25	3	3	2	3	2	2	1	****	2	2	3	3	4	4	5	4	3	2	1	1	1	1	1	1	2	
26	1	1	1	1	1	1	2	****	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
27	2	3	3	3	2	2	3	****	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
28	1	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	
30	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
31	- DATA MISSING -																									
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1	3	6
FEB	28	1	2	3
MAR	31	2	3	5
APR	30	2	4	7
MAY	26	2	4	6
JUN	30	2	5	10
JUL	31	3	5	12
AUG	31	3	5	8
SEP	30	2	5	9
OCT	30	2	4	7
NOV	30	1	3	7
DEC	31	1	2	2
YEAR	359	2	5	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	456	203	8	0	0	0	667
FEB	465	153	0	0	0	0	618
MAR	194	500	17	0	0	0	711
APR	286	350	42	1	0	0	679
MAY	169	297	57	0	0	0	523
JUN	163	417	84	10	0	0	674
JUL	211	296	148	38	2	0	695
AUG	105	354	188	27	0	0	674
SEP	251	285	91	9	0	0	636
OCT	387	217	51	2	0	0	657
NOV	501	123	11	2	0	0	637
DEC	565	131	0	0	0	0	696
YEAR	3753	3326	697	89	2	0	7867

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.2	0.6	1.1	1.8	3.0	4.0	5.4	6.2	12	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	4	4	3	3	3	4	4	3	3	3	3	3	3	2	2	3	3	3	3	4	3	4	4	4	3
14	3	4	4	4	3	3	3	3	3	3	3	3	3	2	2	3	4	4	5	4	4	4	4	4	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	1	1	2	2	2	2	2
16	2	2	1	2	1	1	1	1	2	2	2	2	2	1	2	2	3	3	3	3	2	3	3	3	2
17	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	2	3	3	3	2
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	4	4	4	4
19	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3
20	2	3	3	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	2	3	4	4	4	4	4	3	3	3	3	3	3	4	4	4	3
22	4	4	3	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	2	2
23	2	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	1	1	1	2	2	2
24	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	3	3	3	2	1	1	1	1	1	2
25	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1	1	1	1	2	2
26	2	3	2	2	3	2	2	2	2	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	2	2
28	3	1	2	2	3	4	3	3	3	3	3	3	4	4	4	3	2	2	2	2	2	1	1	1	3
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	3
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	3
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1
MEAN	2	3	2	2	2	3	2	2	2	3	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	1	2	1
2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2
3	2	2	3	3	3	3	3	3	3	3	3	3	2	2	1	1	2	2	2	2	2	2	2	2	2
4	3	3	3	4	4	3	3	3	3	3	3	3	4	4	3	3	3	5	6	5	4	3	3	4	4
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2
10	1	1	2	1	1	2	1	1	1	1	1	1	3	3	4	3	3	2	2	2	2	2	2	2	2
11	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	2	3
12	2	2	2	1	1	1	1	1	1	1	1	1	5	5	4	4	4	4	4	3	3	3	3	2	3
13	2	2	3	3	2	2	2	2	2	2	3	4	4	4	3	3	3	3	3	4	3	3	3	2	3
14	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	4	4	3	3	2	1	1	1	2	2
15	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	3	3	3	3	3	3	3	3	3
17	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	2	2	2	2	2	3	3	3	3	3	4	5	4	3	3	3	2	3	3	3	3	3
19	2	2	2	2	2	2	2	2	2	2	3	3	4	5	5	5	5	5	5	4	4	5	4	4	4
20	3	3	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	3	4	4	4	3
21	4	3	2	2	1	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2
22	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3	3
23	3	3	3	3	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	3	3	3	3	3
24	2	2	2	2	2	2	2	1	1	1	3	3	3	3	3	3	3	3	2	1	2	2	2	2	3
25	3	3	2	2	2	2	2	3	3	4	3	4	4	4	4	4	4	5	5	5	4	4	4	4	4
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
29	1	1	1	1	1	2	2	2	2	2	3	3	4	5	4	4	4	3	3	2	2	1	1	2	2
30	2	2	2	2	2	2	1	2	2	3	3	5	6	6	7	6	6	6	6	5	5	5	3	3	4
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 73

[illegible]

PERCENTAGE OF DATA VALID : 51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 73

[illegible]

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST									MONTH JUL 73																NO 14049	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	2	0.000	2	3	3	4	4	4	5	5	5	5	5	4	3	2	2	2	3	
2	2	2	2	2	2	1	2	0.000	6	6	5	6	5	6	6	6	6	6	6	4	3	3	3	2	4	
3	2	2	2	2	3	3	3	2	3	4	9	6	5	5	5	5	5	5	4	4	3	3	3	2	4	
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5	7	6	5	4	4	3	4	4	3	6	5	3	2	2	2	
5	2	1	1	2	1	1	1	0.000	2	3	3	3	3	3	4	4	4	4	4	3	1	0	1	0	2	
6	2	2	2	1	1	1	1	0.000	2	3	4	4	4	4	4	5	5	6	11	11	7	3	2	2	4	
7	2	1	1	1	2	2	3	0.000	6	6	6	6	7	10	11	10	10	9	7	6	4	3	3	2	5	
8	2	2	3	3	2	2	3	0.000	6	6	6	7	7	7	7	8	8	8	8	6	5	5	5	5	5	
9	7	6	5	4	3	3	3	0.000	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	2	4	
10	1	1	1	1	1	0	1	0.000	2	2	3	4	4	5	6	7	8	8	6	4	4	3	2	3	3	
11	2	2	2	2	1	1	2	0.000	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	2	2	
12	1	1	1	1	1	1	1	0.000	1	1	2	2	1	2	1	1	2	3	2	2	3	3	2	1	2	
13	1	1	2	3	2	2	2	0.000	0.000	3	3	4	4	6	6	8	9	9	8	5	4	3	4	5	4	
14	5	4	3	3	2	2	1	0.000	1	2	2	2	2	2	2	2	3	3	2	2	2	1	1	1	2	
15	1	1	1	1	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	
16	1	0	1	1	1	1	1	0.000	1	1	1	1	1	1	2	2	2	2	2	2	1	1	0	0	1	
17	0	0	0	0	0	0	0	0.000	2	2	3	3	4	4	4	4	5	7	7	5	3	3	2	2	3	
18	2	2	2	2	2	2	3	0.000	6	9	7	6	7	6	6	6	10	12	11	9	7	7	6	4	6	
19	5	5	4	4	3	3	4	0.000	2	3	5	7	10	11	10	10	9	7	6	5	5	5	4	4	6	
20	5	3	2	4	7	7	6	0.000	0.000	4	3	4	3	2	3	3	4	4	5	3	2	2	2	5	4	
21	5	4	5	4	4	4	3	0.000	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	3	
22	1	2	1	2	2	2	1	0.000	2	3	4	4	5	5	6	6	6	6	6	4	3	2	1	1	3	
23	2	3	3	3	3	2	2	0.000	3	4	5	6	7	7	7	7	7	7	6	5	5	5	5	5	7	
24	5	5	5	4	4	3	2	0.000	5	5	6	7	8	8	9	8	9	10	12	11	10	8	7	8	7	
25	7	5	4	3	2	1	1	0.000	2	3	5	5	6	9	7	8	8	10	12	11	10	8	7	8	7	
26	4	4	2	2	0	1	2	0.000	1	1	2	2	3	3	4	1	3	5	6	6	5	5	5	4	5	
27	1	2	3	2	2	2	2	0.000	3	3	3	3	4	4	4	4	4	5	3	4	4	2	1	1	2	
28	2	1	2	2	2	2	2	0.000	2	3	3	4	4	3	2	2	2	1	1	1	1	1	1	1	2	
29	1	0	0	0	1	1	1	0.000	1	1	2	2	3	3	3	4	4	4	4	5	5	3	2	2	2	
30	1	1	1	2	2	1	2	0.000	1	2	2	2	3	3	4	4	4	4	6	5	5	4	4	5	3	
31	6	5	3	2	1	2	2	0.000	2	2	3	4	3	3	2	3	3	3	2	2	2	3	5	5	3	
MEAN	3	2	2	2	2	2	2	2	3	3	4	4	4	5	5	5	5	5	5	5	4	3	3	3	3	

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST										NO 14049										MONTH AUG 73											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN						
1	5	4	4	4	4	3	1	***	2	3	2	1	2	3	4	3	3	2	4	4	4	4	4	3	3						
2	2	1	2	2	2	3	1	***	1	2	3	2	3	4	3	3	3	3	2	4	2	1	1	2	2						
3	1	1	1	2	2	1	1	1	2	3	4	4	4	4	5	4	4	4	5	4	3	2	2	1	2						
4	1	2	1	2	1	1	1	2	2	4	6	6	5	6	6	6	7	7	7	5	3	2	3	3	4						
5	2	1	1	1	1	2	2	4	5	7	8	9	13	14	13	12	8	12	9	6	4	5	3	4	6						
6	3	2	2	2	2	1	2	5	4	5	7	12	15	15	11	11	9	9	8	7	6	5	3	4	6						
7	5	5	3	2	2	1	1	***	2	4	6	7	10	10	8	9	7	7	6	6	4	4	4	5	5						
8	2	1	1	1	1	1	1	2	2	5	7	9	9	11	11	7	5	6	3	4	4	3	2	1	4						
9	1	3	3	2	1	1	1	1	2	3	3	5	5	7	7	4	3	3	2	1	1	1	1	1	3						
10	1	1	1	1	0	0	0	0	***	2	2	4	5	4	3	4	4	5	4	3	2	2	2	2	2						
11	1	1	0	1	0	***	1	***	2	3	5	7	6	6	6	6	6	5	4	3	2	1	1	1	3						
12	1	1	1	1	0	0	1	0	1	3	3	3	4	4	5	4	4	4	4	4	2	2	2	1	2						
13	2	2	2	1	1	1	2	***	6	5	4	4	4	5	6	6	5	4	4	3	2	2	2	2	3						
14	2	1	1	1	1	1	2	2	5	4	3	3	4	4	4	4	4	5	5	4	4	4	3	3	3						
15	3	3	3	3	3	2	2	2	4	5	5	5	5	5	4	4	4	5	5	4	4	4	3	3	4						
16	1	1	1	1	1	1	1	***	2	5	8	7	7	6	4	4	4	5	5	4	4	3	3	3	4						
17	2	4	4	3	3	2	1	2	***	0	1	2	5	6	6	6	6	6	6	5	3	2	1	1	3						
18	***	1	2	3	3	3	2	2	***	3	3	4	5	6	7	7	7	7	6	6	5	5	4	3	4						
19	2	2	2	2	3	2	2	3	***	4	5	6	6	7	7	8	8	8	6	4	3	5	5	6	5						
20	5	4	4	4	4	3	2	2	***	1	2	3	3	2	3	3	4	3	3	2	2	2	1	1	3						
21	1	0	1	1	0	1	0	1	***	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1	1						
22	2	1	2	1	0	0	0	1	1	2	2	2	2	3	3	3	3	3	3	2	2	2	1	1	2						
23	1	1	1	1	1	1	1	***	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1						
24	1	1	1	1	2	1	1	1	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***						
25																															
26																															
27																															
28																															
29																															
30																															
31	4	3	2	2	1	1	2	3	3	2	3	5	5	6	4	5	5	5	4	4	4	4	4	3	4						
MEAN	2	2	2	2	2	1	1	2	2	3	4	5	5	6	6	6	5	5	4	4	3	3	3	2	3						

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST								NO 14049				MONTH SEP 73																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	2	1	0	0	0	0	2	3	3	4	8	10	11	13	7	8	9	8	5	5	4	4	3	3	5				
2	2	1	1	1	1	1	2	3	5	6	7	7	7	8	11	11	11	10	4	3	3	1	1	1	5				
3	1	1	2	2	1	1	4	6	6	8	6	6	9	10	10	8	10	10	9	7	5	5	5	5	6				
4	7	6	4	3	2	2	2	7	6	7	10	10	16	17	13	10	9	7	7	6	5	4	4	3	7				
5	4	4	3	2	1	2	2	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	1	3				
6	3	3	3	3	2	2	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	2	3				
7	2	1	1	1	1	1	1	1	2	3	4	4	5	5	5	4	4	3	3	3	3	3	3	1	3				
8	2	2	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	2				
9	1	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2				
10	1	1	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2				
11	3	3	2	2	1	2	1	1	2	2	2	2	2	4	4	4	6	6	5	5	3	3	3	2	3				
12	3	3	2	2	2	1	0	0	1	0	0	0	4	4	4	4	4	4	3	2	1	1	1	1	2				
13	1	1	1	1	1	1	1	1	0	0	0	0	3	4	3	3	3	3	2	1	1	1	1	1	2				
14	1	1	1	1	1	1	1	1	0	3	4	5	5	5	5	5	5	5	4	4	3	3	2	2	3				
15	1	1	1	1	1	1	1	1	2	3	4	5	5	5	4	3	3	2	1	1	1	1	0	0	2				
16	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1				
17	0	0	0	0	0	0	0	0	2	2	1	1	2	2	2	3	3	3	2	2	2	1	1	1	2				
18	3	3	2	3	3	2	2	2	2	3	3	3	3	3	3	4	4	4	3	2	2	2	1	1	2				
19	1	1	1	1	1	1	2	2	2	3	4	4	4	4	4	4	4	3	2	2	2	2	1	1	2				
20	1	2	2	2	1	1	1	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	2				
21	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	2	2	2	3	2	3	2				
22	2	2	2	1	2	1	1	1	1	1	4	4	4	4	4	4	4	4	3	3	3	2	2	1	3				
23	2	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2				
24	1	1	1	1	1	1	1	1	2	3	4	5	5	5	5	5	5	5	5	4	4	4	4	3	3				
25	2	2	2	2	1	1	1	1	2	3	4	5	5	5	5	5	5	5	5	5	5	4	4	3	3				
26	3	2	1	1	1	1	1	1	2	3	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2				
27	2	2	1	1	1	1	1	1	2	3	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2				
28	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2				
29	1	1	1	1	1	1	1	0	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2				
30	1	2	2	2	2	2	1	2	2	3	3	3	3	3	4	3	3	3	1	0	0	1	1	1	2				
MEAN	2	2	2	1	1	1	1	3	2	3	3	4	4	5	5	4	4	4	3	2	2	2	2	2	3				

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST										NO 14049										MONTH OCT 73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1					
2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3	1	2	2	1	1	1	1	1					
3	1	1	1	1	1	1	1	1	1	1	2	3	2	3	3	3	3	3	1	1	1	1	1	1	2					
4	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	1	1	0	0	1	1	1	1					
5	1	1	1	1	0	1	1	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
6	1	1	1	1	1	1	1	1	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					
7	1	1	1	1	1	1	1	1	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					
8	DATA MISSING																4	3	3	2	2	2	2	1	1	DATA MISSING				
9	DATA MISSING																4	4	4	4	4	4	4	3	3	2	3			
10	1	1	1	2	2	1	1	1	2	3	4	3	4	4	4	4	4	4	3	3	3	3	3	2	3					
11	2	3	3	3	3	2	1	1	1	2	3	3	3	3	4	4	4	4	4	3	3	3	2	2	3					
12	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
13	DATA MISSING																3	3	4	3	2	2	1	1	1	DATA MISSING				
14	DATA MISSING																3	3	2	2	2	1	1	1	1	DATA MISSING				
15	1	1	0	1	0	0	0	1	1	1	2	3	1	1	1	2	2	2	1	1	1	1	1	2	1					
16	2	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2					
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					
18	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
19	DATA MISSING																3	3	3	3	3	3	3	3	3	3				
20	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
21	2	2	2	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	1	1	1	2					
22	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3					
23	2	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3					
24	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2	3	2	2	1	1	2					
25	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	2	3	2	2	1	1	1					
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1					
27	1	1	1	1	0	0	0	1	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1					
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1					
29	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	2	2	1	1	2	1					
30	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2					
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
MEAN	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2					

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1	1	1	0	0	1
2	0	0	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	0	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	0	0	1	1
5	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2
6	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	2
7	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1
9	1	1	1	1	0	1	0	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	2	1
10	2	2	2	2	2	2	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
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22																									
23																									
24																									
25																									
26																									
27																									
28	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1
30																									
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1	2	4
FEB	26	1	2	4
MAR	20	2	4	5
APR	30	3	4	7
MAY	20	4	7	12
JUN	30	3	6	14
JUL	31	3	7	12
AUG	26	3	6	21
SEP	30	3	7	17
OCT	29	2	4	7
NOV	13	1	2	6
DEC	DATA MISSING			
YEAR	286	3	7	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	354	319	3	0	0	0	676
FEB	283	215	5	0	0	0	503
MAR	72	292	62	0	0	0	426
APR	98	421	156	1	0	0	676
MAY	1	118	226	34	4	0	383
JUN	58	355	202	21	4	0	640
JUL	126	292	210	65	8	0	701
AUG	156	188	174	41	11	5	575
SEP	211	314	115	32	6	2	680
OCT	273	268	37	3	0	0	581
NOV	189	70	1	0	0	0	260
DEC	DATA MISSING						
YEAR	1821	2852	1191	197	33	7	6101

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76	0	0.3	1.0	1.7	2.6	4.4	5.6	7.5	9.2	21	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	5	5	5	4	3	3	3	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
8	3	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	5	4	4	4	3	3	3	3	3	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4
22	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	3	5	5	6	6	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	20	16	11	6	5	5	6	8	12	8	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3
27	5	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
MEAN	3	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
7	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	4	6	4	3	4	3	3
8	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1
9	2	1	1	1	1	0	1	1	1	1	1	4	2	1	1	2	2	2	2	3	3	2	2	2	2
10	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	1	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	2	2	2	2	2	2	2	5	7	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	4	5	6	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	3	3	4	5	4	3	3	4	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION													
STATION - KING/RECTORY LONDON FAIR												NO 15001													
												MONTH MAR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	3	4	3	3	4	3	4	5	4	5	5	4	4	4	4
2	9	9	8	7	5	4	3	4	4	6	5	4	3	3	3	4	4	5	4	5	5	4	4	4	5
3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4																									
5																									
6	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	5	6	3	4	3
8	3	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	3	4	5	3
9	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	1	3	1	1	2
10	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	4	5	4	5	3	3	3	3	2
11	2	2	2	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	1	1	1	1	1	1	1	2	2	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	2	2	2	1
19	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1
20	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
23	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2
24	4	5	6	7	8	8	8	8	8	5	3	3	2	2	2	2	2	2	2	2	2	3	2	2	4
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
26	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2
29	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID - 85																									

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS											UNITS - PARTS PER HUNDREDMILLION																
STATION - KING/RECTORY LONDON FAIR											NO 15001																
											MONTH APR 73																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1		
2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2		
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1		
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	3	2	2		
6	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2		
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1		
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1		
10	1	1	1	1	1	1	2	2	2	2	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1		
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	4	3	2		
12	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1		
14	2	3	3	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	0	0	0	1		
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
16	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1		
17	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
18	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0		
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
21	DATA MISSING														0	0	0	0	0	0	0	0	0	0	0	0	0
22	DATA MISSING														0	0	0	0	0	0	0	0	0	0	0	0	0
23	DATA MISSING														0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
25	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
30	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
PERCENTAGE OF DATA VALID - 79																											

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
2	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
5	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
7	2	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	2	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
14	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2
15	2	2	1	1	1	2	2	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1
16	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	1	1	1	1	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
19	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	1	1	1	2	2	2	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
22	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	1	2	2	2	3	1
2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
7	2	2	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	3	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
10	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	2	2	3	4	4	2	2	2	2	1	1	1	1	1	2	2	2	2	3	4	5	2
15	5	5	3	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	2
16	DATA MISSING												DATA MISSING												
17	DATA MISSING												DATA MISSING												
18	DATA MISSING												DATA MISSING												
19	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	1	1
20	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
21	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2
22	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
23	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
MEAN	2	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION												
		STATION - KING/RECTORY LONDON FAIR												NO 15001												
														MONTH JUL 73												
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	2
2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
3		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
4		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
5		1	1	1	1	1	1	1	1	1	2	2	1	1	3	3	3	4	4	5	5	5	5	5	5	4
6		6	6	5	4	3	3	4	5	5	3	3	3	3	3	3	3	4	4	4						
7																										
8		1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
9		2	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
10		2	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
11		2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
12		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13		2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14		3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15		3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16		0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17		2	1	1	1	1	1	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18		2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19		2	2	2	2	3	3	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20		2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21		3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	2	2	2	3	3
22		2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
23		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30		2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN		2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID		86																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL OXIDANTS																UNITS - PARTS PER HUNDREDMILLION									
		STATION - KING/RECTORY LONDON FAIR																MONTH AUG 73									
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	1																										
3	1																										
4	1																										
5	1																										
6	1																										
7	1																										
8	1																										
9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
13	1	1	1	1	1	1	1	2	2	2	2	2	2	1	0	1	1	1	1	1	1	1	1	2	2	2	
14	1	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
16	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
21	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25	1	3	4	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
26	1	2	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
27	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
28	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
29	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
30	1	2	2	2	1	1	1	2	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	1	1	
31	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	
MEAN		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	
PERCENTAGE OF DATA VALID		72																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

	STATION - KING/RECTORY LONDON FAIR								NO 15001				MONTH SEP 73																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	1	1	1	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1				
2	1	1	1	1	1	1	1	1	****	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
3	2	1	1	1	1	1	1	1	****	2	2	2	2	2	2	2	3	3	2	2	3	2	2	2	2				
4	2	2	2	2	1	2	2	3	****	2	2	3	3	****	****	****	2	3	2	2	2	2	2	2	2				
5	1	1	2	2	1	1	1	2	****	2	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1				
6	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1				
7	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1				
8	2	3	3	3	2	2	3	2	****	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1				
9	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2				
10	1	1	1	1	1	1	2	3	****	3	2	2	2	2	2	2	4	4	3	2	2	2	2	1	2				
11	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
12	1	1	1	1	1	2	3	3	****	****	****	1	1	1	1	1	1	1	1	2	2	2	2	2	1				
13	2	2	1	1	1	1	2	2	****	2	1	1	1	1	2	2	1	1	1	2	2	2	2	1	1				
14	1	1	1	1	1	1	1	2	****	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1				
15	3	3	3	3	3	2	3	4	****	3	3	2	2	2	2	3	3	2	****	****	****	****	****	****	3				
16																													
17																													
18																													
19																													
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****				
21	1	1	1	1	1	1	3	****	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1				
22	0	0	0	0	0	0	0	****	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0				
23	1	1	2	2	1	1	0	****	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1				
24	1	1	1	1	0	1	1	****	1	1	1	0	0	1	****	1	1	1	1	1	1	1	1	1	1				
25	1	1	1	1	1	1	1	****	1	1	1	1	1	****	****	1	1	1	1	1	1	1	0	0	1				
26	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
27	1	1	1	1	1	1	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
28	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1				
29	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
30	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

	STATION - KING/RECTORY LONDON FAIR								NO 15001								MONTH OCT 73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	2	1	1	1	1	1	1	****	
2	1	1	1	1	1	2	1	1	1	0.000	2	2	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1	
3	1	1	1	1	1	1	1	2	2	0.000	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1	
4	3	3	3	3	3	3	3	4	4	0.000	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	
5	1	0	0	0	0	0	1	1	1	0.000	1	1	1	1	1	1	1	1	2	6	12	14	16	13	3	
6	12	10	9	9	9	8	6	6	5	0.000	2	2	1	1	2	2	2	2	2	3	3	3	3	2	5	
7	2	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	2	1	1	2	3	2	1	
9	2	1	1	1	1	1	2	2	2	0.000	2	2	1	1	1	1	1	1	2	1	1	2	3	2	1	
10	2	1	1	1	1	2	3	5	4	0.000	2	1	0.000	0.000	1	1	1	1	2	3	3	2	2	2	2	
11	1	1	0	0	0	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	
12	1	1	1	1	1	1	1	2	2	0.000	1	1	1	0.000	1	2	2	2	3	2	2	2	2	2	2	
13	1	1	1	1	1	1	1	1	2	0.000	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	
14	1	1	1	0	0	0	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	2	3	3	0.000	2	1	1	1	1	1	1	1	3	3	3	3	2	2	2	
16	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	1	1	1	1	1	1	2	2	2	0.000	1	1	4	4	0.000	0.000	2	2	2	2	3	4	2	2	2	
18	2	1	1	1	1	1	2	2	2	0.000	1	1	1	1	1	1	1	1	2	2	2	3	2	2	1	
19	2	2	3	3	3	3	4	7	7	0.000	3	2	2	2	2	2	2	2	3	3	3	3	4	6	3	
20	6	4	3	2	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	
21	1	1	1	1	1	1	1	1	2	0.000	1	1	1	1	1	1	1	2	3	4	5	5	7	8	2	
22	6	4	4	4	4	4	6	7	8	0.000	5	3	2	2	2	2	2	3	5	5	6	8	11	12	5	
23	10	9	7	7	6	4	3	3	4	0.000	3	3	2	2	2	2	2	3	4	4	5	5	6	4	4	
24	6	4	2	1	1	1	2	3	3	0.000	2	2	1	1	0.000	2	2	2	2	3	3	3	3	2	2	
25	1	1	1	1	1	1	1	2	0.000	2	2	2	1	1	2	2	2	2	2	3	3	2	2	2	2	
26	2	1	1	1	1	1	1	2	2	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	
27	2	2	2	2	2	2	2	3	3	0.000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
28	0	0	0	0	1	1	0	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	0	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
30	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
31	1	1	1	1	1	1	1	1	2	0.000	1	1	2	2	2	2	2	3	3	3	2	1	1	2	2	
MEAN	2	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	2	2	2	3	3	3	2	

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 73

[illegible]

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC 73

[illegible]

PERCENTAGE OF DATA VALID 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	7	21
FEB	28	2	3	7
MAR	30	2	5	10
APR	27	1	2	4
MAY	31	1	2	3
JUN	28	2	2	5
JUL	30	2	4	6
AUG	25	1	2	4
SEP	26	1	3	4
OCT	31	2	5	16
NOV	30	2	3	7
DEC	28	2	6	10
YEAR	345	2	7	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	211	363	107	6	4	4	695
FEB	279	313	20	1	0	0	613
MAR	272	316	38	11	0	0	637
APR	495	75	4	0	0	0	574
MAY	619	92	0	0	0	0	711
JUN	293	320	6	0	0	0	619
JUL	248	367	29	0	0	0	644
AUG	390	146	3	0	0	0	539
SEP	401	159	3	0	0	0	563
OCT	414	210	41	16	6	1	688
NOV	359	283	37	1	0	0	680
DEC	357	155	54	8	0	0	574
YEAR	4338	2799	342	43	10	5	7537

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86	0	0.2	0.5	0.9	1.4	2.4	3.1	4.5	5.7	21	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION												
		STATION - BARTON/WENTWORTH HAM								OAMST				NO 29025				MONTH JAN 73								
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	2	2	2	2	1	1	1	2	2	2
2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	2	2	2	2	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
5	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	1	1	1	0	0	0	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	1	1	1	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	1
11	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
19	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
20	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
21	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
22	2	2	2	2	2	2	3	4	6	4	6	5	5	6	5	4	4	4	4	3	2	2	2	2	2	3
23	1	1	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
26	4	4	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	1	1	1	1	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	1	2	2	2	2
31	2	2	1	1	1	1	0	1	0	0	0	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1
MEAN		2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION												
		STATION - BARTON/WENTWORTH HAM								OAMST				NO 29025				MONTH FEB 73								
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	4	2	3	3	3	3	3	4	4	5	9	7	5	7	3	2	1	3
2	1	1	2	2	1	1	1	1	4	5	5	5	5	5	5	5	5	4	5	2	1	1	1	1	1	3
3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
5	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
6	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
7	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	1	1	1	1	2
9	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
10	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
12	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	1	1	1	0	1	1	1	2	2	1	1	2	2	2	2	2	1	2	3	2	1	2	1	1	2
21	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	3	2	2	2	1	1	1	1	2	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	2	1	1	1	1	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	2	2	2	2	3	2	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	1	0	1	1	1	2	2	2	2	2	2	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4
MEAN		1	1	2	1	1	1	1	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	3	2
2	3	3	2	2	2	3	3	4	7	2	4	3	2	2	3	2	2	2	2	2	2	2	1	3	3
3	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	2
4	6	5	4	2	2	2	3	3	2	2	2	3	3	3	4	4	2	2	2	1	0	0	0	0	1
5	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	2
7	3	1	1	1	1	1	1	5	3	3	2	2	2	2	4	2	3	2	2	2	2	2	2	2	2
8	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	1	1	2
9	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	1	2	2	2	2	3	3	4	3	1	2	2	3	3	3	3	3	2
11	2	2	2	1	1	1	2	2	2	2	3	3	2	3	2	3	3	2	2	3	4	3	1	2	2
12	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	1	2	2	2	3	2	2
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
14	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	1	1	2	1	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	3	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	3	3	2	3	4	3	3	3
24	2	2	2	1	1	1	2	2	2	3	3	3	4	4	5	5	4	4	3	2	3	5	4	4	3
25	2	2	2	2	1	1	1	1	2	1	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2
26	2	2	2	3	3	3	2	2	3	3	3	4	4	4	4	4	3	3	2	3	3	3	3	3	3
27	2	2	3	2	2	2	2	1	1	1	1	2	2	2	3	3	1	1	0	0	1	1	1	1	2
28	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3
29	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	2	1	1	2	3
30	2	2	1	1	1	2	2	3	3	3	3	3	3	4	3	3	4	4	3	3	2	2	2	2	3
31	2	2	2	2	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2	2	3	2	2	2
2	2	2	3	3	2	2	2	5	4	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	3	3	2	3	2	2	3	3	3	3	4	3	3	3	2	2	2	2	2
4	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	2	2	2	2	3	2	2	2	2	4	3	4	4	4	3	3	3	3	3	2	2	2	2	2
7	2	2	2	2	3	3	2	2	1	2	1	2	2	1	2	1	1	1	0	0	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2
9	1	0	0	1	1	2	1	2	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	3	2
10	2	2	2	1	2	2	2	3	3	3	3	4	3	3	2	3	3	3	3	3	3	3	3	3	3
11	3	4	3	2	2	2	3	3	3	3	3	3	4	4	4	4	3	3	3	2	1	1	1	1	3
12	2	3	3	3	2	1	3	3	4	4	4	4	4	3	3	4	3	3	3	3	3	2	2	1	3
13	1	1	1	2	2	1	2	1	2	3	2	3	3	3	3	3	3	3	2	2	2	2	2	1	2
14	1	1	0	0	0	0	1	1	2	2	2	4	4	4	4	5	4	4	4	4	3	2	2	2	2
15	2	2	2	2	2	2	3	3	3	3	3	2	3	4	4	4	4	4	4	3	2	1	1	2	2
16	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
17	3	2	2	3	3	2	2	2	3	4	2	3	6	7	7	6	4	4	4	4	4	4	4	4	4
18	1	1	2	3	1	0	1	2	3	2	4	2	3	4	4	3	3	3	3	2	2	2	2	1	3
19	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 60

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAY 73

[illegible]

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

MONTH JUN 73

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	5	5	4	4	3	4	4	5	5	6	7	8	8	8	7	7	8	6	5	5	4	5	5	6	
2	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	1	2	2	2	
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	
4	2	3	3	4	3	3	3	3	3	3	4	4	3	3	3	3	4	4	7	4	4	4	3	3	3	
5	3	3	3	4	4	4	4	4	4	4	4	6	8	8	8	6	5	5	4	3	3	2	3	4	5	
6	5	5	5	5	4	3	3	3	3	3	4	4	5	5	5	9	8	8	8	8	8	7	4	4	6	
7	3	3	3	3	3	3	4	4	4	4	6	7	7	8	8	9	9	10	12	11	11	10	9	9	8	
8	5	6	6	6	6	6	4	4	6	6	6	11	13	11	10	6	8	8	7	6	4	3	3	3	6	
9	5	7	6	6	6	5	4	5	3	4	5	8	6	7	6	6	8	8	9	8	4	3	3	3	6	
10	2	2	1	1	1	1	2	3	3	3	5	5	6	6	10	12	10	9	8	7	8	10	10	10	6	
11	10	9	6	6	5	4	4	4	5	5	9	8	8	8	8	10	10	10	9	9	9	8	7	7	8	
12	6	6	4	4	4	3	3	4	4	4	5	6	6	6	5	6	6	6	5	4	4	3	3	2	5	
13	5	5	5	5	5	3	3	3	4	5	6	6	6	5	6	6	6	5	5	4	2	2	2	2	4	
14	2	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2	1	1	1	1	1	1	2	
15	1	1	1	1	1	1	1	1	1	1	1	6	7	7	6	7	3	2	2	1	1	2	2	2	3	
16	1	3	3	3	2	2	3	4	4	4	3	3	3	3	2	2	3	3	2	2	2	2	2	2	3	
17	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
20	3	2	3	2	1	2	2	2	1	1	2	2	1	1	2	1	1	1	1	2	2	3	3	2	5	4
21	6	6	6	5	4	3	3	4	4	2	3	3	3	5	5	7	9	8	7	5	4	3	3	2	5	5
22	4	5	4	4	4	4	3	3	4	5	7	8	9	5	5	5	5	4	4	3	3	4	3	3	5	4
23	2	2	1	3	3	1	3	3	5	5	5	5	5	5	6	6	6	3	2	2	3	3	3	3	4	4
24	4	4	5	6	5	4	3	3	4	3	4	4	4	5	5	5	6	5	4	4	2	3</				

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	3	4	4	4	4	5	6	6	5	6	6	7	6	6	6	4	3	4	4	4	5
2	3	3	3	3	2	2	5	9	11	5	0	5	7	10	10	11	11	9	8	8	8	8	9	7	7
3	8	7	7	5	4	3	1	***	6	7	8	8	9	9	8	9	8	6	5	4	3	3	3	2	6
4	2	2	2	2	2	1	2	2	4	5	7	9	11	9	7	5	4	4	3	2	2	2	2	2	4
5	2	2	2	2	2	2	1	3	3	3	4	4	4	4	4	4	4	4	4	3	2	2	2	2	3
6	2	2	2	2	2	2	1	3	3	3	4	4	4	4	4	4	4	4	4	4	3	2	2	2	3
7	8	8	8	7	7	6	7	8	9	5	7	8	8	8	9	9	9	10	10	9	7	6	7	8	6
8	12	12	12	11	11	11	9	9	10	11	11	12	12	13	13	14	14	12	12	12	11	10	12	12	10
9	10	9	7	5	4	3	***	***	4	4	5	5	5	6	6	5	5	5	5	4	2	2	1	1	12
10	2	2	1	1	1	2	3	3	3	3	3	3	5	5	6	6	6	6	5	4	4	4	4	4	5
11	4	4	4	4	3	2	3	4	4	5	5	4	4	5	5	5	5	4	4	4	3	2	2	2	4
12	2	2	2	2	2	3	3	3	3	5	5	6	7	5	5	5	5	5	5	4	4	2	2	2	4
13	5	6	6	6	6	6	4	4	5	6	7	7	7	9	12	13	15	15	14	13	11	10	8	8	4
14	8	9	8	7	5	3	3	3	4	5	5	5	5	5	5	5	5	15	14	13	11	10	8	8	8
15	2	2	2	2	2	2	2	3	4	4	4	4	5	5	5	5	5	5	5	4	3	3	3	3	5
16	2	2	2	2	2	3	3	3	3	***	3	4	3	4	4	4	4	4	4	3	3	3	3	3	3
17	2	2	3	3	2	3	2	3	3	4	4	5	5	5	5	4	4	4	4	4	4	4	3	3	3
18	4	4	4	3	3	4	3	3	4	4	4	4	5	6	6	6	7	5	5	5	5	4	4	4	4
19	3	4	5	6	5	4	5	6	6	9	10	9	10	10	10	12	11	11	10	9	8	7	7	7	8
20	9	11	10	10	8	6	6	6	7	9	9	6	8	8	9	8	9	9	9	8	7	5	4	4	8
21	4	4	4	4	4	3	3	2	2	3	3	3	6	4	4	4	5	5	4	3	2	2	2	2	3
22	1	2	1	1	2	1	2	2	1	1	2	2	3	4	4	4	4	5	4	3	3	3	3	3	3
23	2	2	2	2	2	1	3	3	3	***	3	3	4	4	5	4	3	3	3	2	1	1	1	1	3
24	1	0	0	0	0	1	1	1	1	2	4	6	7	8	10	9	7	5	3	3	2	1	3	3	3
25	2	2	2	1	1	2	1	2	1	2	3	3	4	5	5	7	6	5	4	3	4	3	4	4	4
26	4	4	4	3	2	2	1	2	2	3	4	5	7	5	5	6	6	5	4	6	5	5	5	5	3
27	5	4	4	4	3	2	3	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28																									
29																									
30																									
31	4	3	2	4	5	4	4	3	3	3	3	4	4	5	6	4	4	5	5	5	5	3	4	3	4
MEAN	4	4	4	4	3	3	3	4	4	5	5	6	6	7	7	7	7	7	6	5	5	4	4	4	5

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	7	6	6	5	6	3	4	3	4	5	5	5	6	4	3	4	4	4	5	5	4	4	5	5
2	4	3	3	2	2	1	3	3	4	5	7	7	8	9	8	9	9	9	7	6	4	3	2	2	5
3	2	2	2	2	2	1	2	3	4	4	5	5	5	6	5	6	5	5	5	3	2	2	3	3	4
4	4	4	4	4	4	3	2	3	3	4	4	4	5	5	5	5	5	5	4	3	4	5	5	4	4
5	9	8	8	8	7	6	6	6	6	9	10	11	11	10	11	12	11	10	9	8	7	6	6	8	8
6	10	10	13	13	10	6	4	***	6	7	9	10	10	10	11	12	13	13	11	10	9	9	8	9	9
7	8	7	6	7	5	***	4	5	7	9	9	10	10	9	9	9	9	9	8	7	6	7	9	10	9
8	7	6	6	5	5	***	4	5	6	7	7	7	8	7	7	7	8	8	6	6	7	7	9	9	8
9	4	4	4	3	2	***	2	2	4	4	5	6	7	8	7	7	8	8	9	7	4	4	4	4	6
10																									
11	3	3	3	3	3	2	3	4	5	6	8	7	7	7	7	8	8	7	6	5	5	5	4	4	5
12	4	4	4	3	3	3	3	3	3	4	4	4	5	5	5	5	4	4	4	3	2	2	1	2	3
13	2	2	2	2	2	1	2	2	2	3	4	4	5	5	6	6	6	5	4	3	2	2	3	3	3
14	2	2	2	2	2	1	1	2	2	3	4	6	5	6	9	7	7	5	8	5	3	3	3	3	4
15	2	3	2	2	2	1	1	2	2	3	4	5	6	9	8	6	6	6	6	5	3	2	2	2	4
16	2	2	1	1	1	1	2	2	2	3	4	4	3	4	4	3	2	2	2	2	2	1	0	0	2
17	0	0	0	0	1	***	2	2	2	***	2	1	2	2	3	4	3	5	5	4	4	3	2	1	2
18	1	1	0	1	3	3	2	2	2	2	3	4	5	5	4	6	5	4	4	4	4	3	3	4	3
19	4	3	2	2	3	3	3	4	3	3	4	4	4	3	3	3	4	4	4	3	3	2	2	1	3
20	1	1	1	1	1	1	1	2	2	3	3	3	4	5	5	5	5	7	4	3	3	2	1	1	3
21	1	1	1	1	1	1	1	***	1	1	2	2	2	2	2	2	3	3	3	3	2	2	1	2	2
22	1	1	1	1	1	***	1	2	2	3	3	4	5	5	5	5	5	4	4	2	1	1	2	2	3
23	3	2	1	1	1	2	5	4	4	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
24	1	1	1	1	1	2	3	2	3	4	5	8	6	5	6	8	8	8	7	4	3	3	3	3	4
25	2	2	2	2	1	1	2	2	3	6	8	13	10	10	10	11	12	12	12	10	9	9	6	9	7
26	9	7	10	11	9	8	7	6	6	6	8	10	10	10	10	10	10	9	9	6	6	6	6	7	8
27	8	7	8	7	6	4	4	***	6	6	2	2	3	5	6	6	7	8	9	10	11	9	8	7	6
28	7	7	7	7	8	5	4	***	6	6	6	7	7	8	7	7	7	6	5	4	4	3	3	3	6
29	4	4	5	4	4	4	6	7	8	9	10	12	11	10	9	9	9	9	11	15	15	11	11	10	9
30	9	8	8	7	6	4	3	4	6	11	11	11	11	10	9	9	9	10	8	7	5	5	6	6	8
31	8	7	7	6	4	2	3	***	3	4	6	8	8	8	8	10	10	9	8	6	7	7	6	8	7
MEAN	4	4	4	4	3	3	3	3	4	5	6	6	7	7	7	7	7	7	6	5	5	4	4	4	5

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON:WENTWORTH HAM OAMST

MONTH SEP 73

[illegible]

PERCENTAGE OF DATA VALID : 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON WENTWORTH HAM OAMST

MONTH OCT 73

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	3	3	3	4	8	9	5	4	3	4	3	4	4	4	3	2	3	3	2	3	3	2	4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3																									
4																									
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	5	7	5	5	4	6	10	10	4	4	4	4	6	5	4	5	4	4	4	4	7	7	8	7	4
11								2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	3	4	3	3	3	3	3	4	4	4	5	6	7	5	4	4	5	5	5	5	5	4	3
14	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	4	4	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	4	4	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	4	4	3	3	3	3	3
17	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	4	4	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	4	4	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	4	4	3	3	3	3	3
20	6	5	3	2	1	2	1	1	2	3	2	2	2	2	2	3	2	2	2	2	3	2	2	2	2
21	3	2	2	2	1	3	3	2	2	3	2	2	2	4	4	4	3	3	3	2	2	4	3	3	6
22	3	2	2	2	2	3	3	5	4	5	5	5	6	5	5	6	7	3	3	5	1	1	1	1	6
23	5	3	2	2	2	5	7	4	4	4	4	4	4	6	7	7	6	5	4	5	5	4	3	2</	

PERCENTAGE OF DATA VALID

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST																								NO 29025		MONTH NOV 73											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN												
1	1	2	1	2	2	2	***	2	***	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2												
2	1	1	0	0	0	0	***	2	2	1	2	1	2	1	1	1	0	1	1	1	1	1	1	1	1												
3	2	2	2	3	2	2	***	2	2	2	2	2	3	3	2	2	1	0	0	0	0	0	0	0	1												
4	1	1	1	1	1	1	***	2	2	2	2	3	3	2	2	2	2	1	1	1	1	1	1	1	2												
5	1	1	1	1	1	1	***	1	1	***	***	***	***	***	3	4	4	4	4	4	3	4	3	3	2												
6	3	3	4	3	3	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2												
7	1	1	1	1	1	1	0	1	1	1	2	1	2	2	2	1	1	2	1	1	0	1	1	1	1												
8	1	1	1	0	0	1	1	1	***	1	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1												
9	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	1	2	1												
10	2	3	1	1	1	0	***	1	0	1	2	3	3	3	3	1	1	1	1	1	1	1	1	1	1												
11	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1												
12	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1												
13	1	1	1	1	1	1	***	1	1	1	3	4	4	4	5	5	4	4	4	3	3	4	4	4	3												
14	4	4	4	3	3	1	***	2	***	10	7	5	3	2	2	2	2	2	2	1	2	2	1	2	3												
15	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2												
16																																					
17																																					
18																																					
19																																					
20	1	1	0	0	0	0	0	***	***	2	1	1	2	2	1	1	1	1	1	1	1	0	1	1	1												
21	1	1	1	1	1	1	***	6	5	4	4	4	4	6	7	10	4	3	2	2	2	1	1	1	3												
22	2	2	2	1	1	1	***	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2												
23	2	2	2	1	1	1	***	3	3	7	8	7	6	5	4	3	3	3	3	3	2	2	2	2	2												
24	1	1	1	1	1	1	***	1	0	1	1	1	1	1	1	2	3	3	3	3	1	1	1	1	1												
25	1	1	1	1	0	1	***	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1												
26	2	2	2	2	2	2	***	2	***	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1												
27	1	1	1	1	1	1	***	2	1	1	3	3	3	3	7	6	2	8	4	7	11	2	2	1	3												
28	1	1	1	1	0	1	***	2	3	***	***	***	***	***	2	1	1	1	0	0	1	1	1	1	1												
29	1	1	2	5	2	2	***	2	2	2	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1												
30	1	1	1	1	1	1	***	1	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2												
MEAN	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2												

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON / WENTWORTH HAM OAMST NO 29025 MONTH DEC 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	2	2	2	2	1	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	2
2	1	1	1	1	1	1	***	1	1	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	2
3	10	6	11	7	3	2	***	3	3	3	4	4	5	4	4	4	4	4	4	10	8	8	8	3	
4	2	2	2	2	2	2	***	3	***	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
5	2	2	1	1	1	2	***	9	9	11	8	3	3	2	2	2	2	2	2	2	2	2	2	2	2
6	1	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	3	3	3	3	4	4	***	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	2	2	2	***	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3
9	5	5	3	3	2	2	***	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	2	1	1	1	1	0	1	2	2	2	2	2	1	1	***
11	1	1	1	1	1	1	***	1	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	4	3	4	3	2	4	***	6	5	2	1	2	2	2	2	2	4	5	5	2	1	1	1	1	3
14	1	2	2	2	1	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	3	3	3	4	4	4	***	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	4	3	3	4	4	4	***	4	4	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	3	***	3	2	2	2	6	10	9	7	2	2	3	5	9	8	8	7	5	5
18	7	7	6	6	4	5	1	3	3	***	***	***	7	7	6	2	2	5	3	3	3	3	3	3	5
19	7	7	6	6	4	5	1	3	3	3	1	1	0	1	2	2	2	4	3	3	3	3	2	2	3
20	2	2	2	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	1	2	1	1	1	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	0	0	0	0	0	0	***	1	1	1	1	1	2	3	2	2	2	2	2	1	1	1	1	1	2
23	1	1	1	1	1	1	***	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	0	0	***	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	***	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	***	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	0	1	1	1	1	1	***	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2
28	1	1	1	1	2	2	***	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
29	2	1	1	1	1	1	***	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	***	2	2	2	2	3	3	2	2	2	2	2	1	2	1	2	1	1	2
31	1	1	1	1	1	1	***	1	1	1	1	2	2	1	2	1	2	1	1	1	1	1	1	1	1
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	2	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	4	11
FEB	28	2	3	9
MAR	31	2	3	7
APR	19	2	4	7
MAY	28	3	5	10
JUN	30	4	8	13
JUL	29	5	12	15
AUG	31	5	9	15
SEP	30	3	8	12
OCT	30	3	6	15
NOV	27	2	3	11
DEC	31	2	5	12
YEAR	345	3	12	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	329	350	31	1	1	0	712
FEB	254	337	33	5	0	0	629
MAR	145	535	49	1	0	0	730
APR	80	290	60	2	0	0	432
MAY	31	408	179	11	0	0	629
JUN	45	262	271	104	7	0	689
JUL	36	200	266	110	48	2	662
AUG	69	211	232	185	30	2	729
SEP	162	263	169	77	1	0	672
OCT	190	288	125	22	4	1	630
NOV	329	204	39	10	1	0	583
DEC	185	372	53	22	3	0	635
YEAR	1855	3720	1507	550	95	5	7732

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88	0	0.4	1.2	1.8	2.9	5.6	7.5	9.4	10.5	15	3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS										UNITS - PARTS PER HUNDREDMILLION																	
STATION - MACDONALD GDNS. OTTAWA										MONTH JAN 73																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	1		
5	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
9	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1		
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0		
12	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	1	2	1		
13	2	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1		
14	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1		
15	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	2	2	2	2	2	2	1	2	2	1		
16	2	1	2	2	1	1	1	2	3	2	2	2	2	0	0	2	2	3	2	2	2	2	2	2	2		
17	2	1	1	1	1	1	1	2	4	4	3	2	2	0	0	4	4	5	3	3	4	7	6	5	3		
18	3	3	2	2	2	1	1	2	3	3	2	2	2	0	0	1	2	6	9	4	6	4	7	4	3		
19	4	4	3	3	2	1	2	6	8	6	3	2	2	0	0	6	6	6	6	3	3	2	2	1	4		
20	2	1	1	1	1	1	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	2	2	2	2		
21	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	2	2	2	2	2	2		
22	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	0	2	2	1	1	2	2	2	2	2		
23	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1		
24	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	3	2	2	1	1	1	1	1		
25	1	0	0	0	0	0	1	2	3	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1		
26	2	1	1	1	1	1	1	3	5	2	2	2	2	1	0	2	2	3	3	5	3	7	5	2	2		
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	2	3	3	3	3	2	2	2	2		
28	2	2	1	1	2	2	2	2	2	2	2	2	2	1	0	2	2	1	1	1	1	1	1	1	1		
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	1	2	2		
30	1	0	0	0	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0		
31	- DATA MISSING -																										
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	2	0	1	1	2	2	1	1	1	1	1	1		
PERCENTAGE OF DATA VALID -	87																										

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - TOTAL OXIDANTS													UNITS - PARTS PER HUNDREDMILLION												
STATION - MACDONALD GDNS. OTTAWA													NO 51001												
MONTH FEB 73																									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY																									
1													-	DATA MISSING	-										
2													-	DATA MISSING	-										
3													-	DATA MISSING	-										
4													-	DATA MISSING	-										
5													-	DATA MISSING	-										
6													-	DATA MISSING	-										
7																									
8	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	3	3	3	2	1	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1
10	2	1	1	1	2	2	1	2	2	2	2	2	2	2	1	2	2	1	2	3	1	1	1	2	2
11																									
12	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	3	2	2	2	3	1
13	2	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
22	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	2	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3
25	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	2	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID - 75																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION													
		STATION - MACDONALD GDNS OTTAWA NO 51001												MONTH MAR 73													
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
4	2	2	1	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
5	2	2	2	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
8	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
10	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
12	4	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
16	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
18	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
20	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
22	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
23	6	4	3	3	3	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
24	4	3	2	2	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
25	4	4	3	3	2	4	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	
26	4	3	3	3	2	3	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
27	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	
28	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	
29	3	3	3	3	2	2	2	2	2	3	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	
31	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	
MEAN	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	2	3	3	3	3	3	3	3	2	2	
PERCENTAGE OF DATA VALID -		88																									

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION														
		STATION - MACDONALD GDNS OTTAWA NO 51001												MONTH APR 73														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	4	4	4	4	4	4	3	4	4	3	3	3		
2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3		
3	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
4	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
5	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
6	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
7	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
8	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
9	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
10	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
11	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
12	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
13	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
14	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
15	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
16	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
17	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
18	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
19	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
20	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
21	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
22	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
23	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
24	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
25	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
26	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
27	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
28	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
29	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
30	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
MEAN		2	2	2	2	2	2	2	2	2	2	2	3	3	3	1	1	2	2	2	2	2	2	2	2	2		
PERCENTAGE OF DATA VALID		91																										

PERCENTAGE OF DATA VALID 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION																					
	STATION - MACDONALD GDNS.								OTTAWA				NO 51001				MONTH MAY 73																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN								
1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	***	1	1	1	1	1	1	1	1	1								
2	1	1	1	1	0	0	0	0	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***								
3													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
4													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
9													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
10													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
11													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
12													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
13													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
15													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	3	2	1	1	1	1	***								
17	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	***	1	1	0	0	0	0	0	0	0								
18	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1								
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***	1	1	1	0	0	1	1	1	1								
20	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1								
21	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	***	1	1	1	1	0	1	0	0	1								
22	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	***	1	1	1	1	1	0	0	1	1								
23	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	***	1	1	1	1	1	1	1	0	1								
24	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1								
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1								
26	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	***	2	2	2	1	1	1	1	1	1								
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***								
28													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
29													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -									
30	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	***	1	1	1	1	1	1	0	0	***								
31	0	0	0	0	0	0	0	0	0	0	0	0	0	1	***	***	1	0	0	0	1	1	1	1	0								
MEAN	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1								
PERCENTAGE OF DATA VALID -					42																												

PERCENTAGE OF DATA VALID - 42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION														
	STATION - MACDONALD GDNS. OTTAWA								NO 51001					MONTH JUN 73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1		
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1		
3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1		
4	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0		
5	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
6	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1		
7	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
8	1	1	1	1	1	1	1	0	0	1	1	1	2	2	2	1	1	2	2	2	2	2	2	1		
9	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0		
11	0	0	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0		
12	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1		
13	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1		
14	1	1	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1		
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0		
18	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0		
19	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
20	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1		
22	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0		
23	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0		
24	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1		
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
26	- DATA MISSING -																									
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
28	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	3	3	3	3	3	2	2	***		
29	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	***	***	***	0	0	0		
30	0	0	1	1	1	1	0	0	0	0	1	1	2	2	***	1	1	1	1	1	1	1	1	1		
MEAN	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL OXIDANTS										UNITS - PARTS PER HUNDREDMILLION															
		STATION - MACDONALD GDNS OTTAWA										MONTH JUL 73															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
HOUR	DAY	1	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	
1		1	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	
2		1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5		1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7		1	1	1	1	2	2	1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	
8																											
9																											
10																											
11																											
12		0	0	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	
13		0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14		1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16																											
17		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	
18		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	
19		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	
20		1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	
21		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	
23		0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
26		1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	
27		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
28																											
29		1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30		0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
31		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	4	4	2	3	2	2	1	
MEAN		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	
PERCENTAGE OF DATA VALID -		75																									

PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION													
STATION - MACDONALD GDNS. OTTAWA												MONTH AUG 73													
NO 51001																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	2	2	1	2	2	2	2	3	3	4	3	3	3	3	3	3	3	2	2	2
2	3	4	5	5	4	4	4	4	4	4	4	5	5	7	5	5	5	4	4	4	4	4	3	3	4
3	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	5	5	4	4	4	4	4	3	3	4
4	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	3	3	3	3	3	3
5	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	5	5	5	4	4	4	5	3
6	4	6	7	4	6	7	7	5	5	5	5	5	5	7	6	6	5	5	5	5	5	5	5	5	6
7	4	6	4	4	4	4	4	6	6	6	6	8	7	7	7	7	7	7	6	5	5	5	6	6	6
8	6	4	6	6	4	4	4	6	7	7	7	8	8	7	7	7	5	5	5	5	6	5	5	4	6
9	3	3	3	3	3	4	4	5	5	5	5	5	6	5	5	5	5	5	5	4	4	4	4	4	5
10	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	6	6	5	5	5	5	6	5	5	5
11	5	5	5	5	5	4	4	4	4	5	6	6	6	5	5	6	7	8	8	6	5	5	5	4	5
12	4	4	4	4	4	4	4	4	4	5	6	4	3	4	4	4	4	4	4	3	3	3	3	3	3
13	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3
15	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	5	5	4	4	4	4	4	4	5	5	6	6	6	6	6	6	6	5	3	2	2	2	2	2	4
22	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	4	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	3	4
PERCENTAGE OF DATA VALID -												67													

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	1	1	1	1	1	2	3	3	3	3	3	2	3	3	3	3	3	5	10	8	7	3	3	3	3
14	3	2	2	2	2	2	3	4	4	3	4	4	4	4	5	6	5	5	4	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	3	3	3	4	5	5	4	4	4	3	3	3	3	2	3	3
16	1	1	1	1	1	1	2	3	2	2	2	2	3	3	3	3	3	2	3	3	3	3	2	3	2
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	4	4	3	3	4	4	5	6	5	4	3	3	3
PERCENTAGE OF DATA VALID -	11																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	3	2	2	2	2	2	3	4	4	4	3	3	4	3	3	3	7	6	5	5	4	4	3	3	3
4	2	2	2	2	2	2	3	3	3	4	5	4	4	5	4	4	5	5	5	3	4	4	3	3	3
5	4	3	3	3	3	3	3	4	5	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	7	6	6	4
7	6	5	4	4	3	3	3	2	3	3	3	3	3	3	3	3	3	4	6	9	7	7	7	7	4
8	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	7	10	9	9	8	6	5
9	4	4	3	3	3	4	5	7	6	5	5	5	4	4	5	4	4	4	6	7	5	4	4	3	5
10	3	3	4	3	2	2	3	3	3	3	2														
11																									
12																									
13																									
14																									
15																									
16																									
17	1	1	1	1	1	2	4	4	2	3	3	8	7	6	5	4	3	3	3	2	2	2	2	2	3
18	2	2	1	2	2	2	3	3	5	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
19	2	2	2	2	2	2	4	4	5	6	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
20	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2
21	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	4	4	4	3	4	4	4	3
22	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4
23	4	3	3	3	3	3	4	5	5	4	4	4	3	3	3	4	4	4	4	4	6	6	6	6	4
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	2	2	2	3	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	0	1	2	2	2	1	1	1	1	2	2	2	4	3	3	2	2	2	2	2
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	3
PERCENTAGE OF DATA VALID -	69																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH NOV 73

[illegible]

- DATA MISSING -

- DATA MISSING -
DATA MISSING -

- DATA MISSING -
- DATA MISSING -

0	0	0	0
1	1	1	1

16	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0
17	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0
22	0	0	0	0	0	0	0	1	1	1	1	1	1	1	3	3	2	2	2	1	2	1	2
23	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	1	1

MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	0	1
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

PERCENTAGE OF DATA VALID : 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0.0000	
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.0000	
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.0000	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.0000	
4	1	1	1	1	1	1	1	2	2	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.0000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0000	
6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0000	
7	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0.0000	
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0.0000	
9	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0.0000	
10	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0.0000	

[illegible]

PERCENTAGE OF DATA VALID 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	1	4	9
FEB	23	2	3	8
MAR	31	2	4	10
APR	30	2	3	4
MAY	16	1	1	3
JUN	29	1	1	3
JUL	28	0	1	4
AUG	23	4	6	8
SEP	4	3	3	10
OCT	25	3	5	10
NOV	26	1	4	15
DEC	31	0	1	3
YEAR	296	2	6	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	458	162	25	6	0	0	651
FEB	110	385	10	2	0	0	507
MAR	76	489	87	7	0	0	659
APR	245	370	41	0	0	0	656
MAY	303	12	0	0	0	0	315
JUN	592	33	0	0	0	0	625
JUL	542	20	2	0	0	0	564
AUG	7	228	245	23	0	0	503
SEP	11	54	16	3	0	0	84
OCT	85	303	111	20	0	0	519
NOV	372	184	6	1	1	1	565
DEC	694	3	0	0	0	0	697
YEAR	3485	2243	543	62	1	1	6345

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
72	0	0.2	0.5	0.9	1.7	3.0	3.9	5.1	6.0	15	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	2	2	1	1	1	1	0	0.00	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0.00	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	0.00	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
10	2	1	1	1	1	1	1	0.00	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1
11	1	1	1	2	2	1	1	0.00	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
12	1	1	1	1	1	1	1	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	0	0	2	3	2	2	1	1	1	1	1	0	1	1	2	2	2	2	2	2	2	1
14	1	1	1	1	2	2	0.00	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
18	2	2	1	1	2	2	3	3	3	2	2	4	4	6	11	9	4	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1	1	2	2	2	3	2	5	11	8	4	3	2	2	2	2	2	2	2	3	3	2	1	1	3
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	3	0.00	0.00	3	4	2
22	3	2	2	2	2	2	0.00	4	4	3	3	3	3	3	3	3	4	4	3	3	2	2	2	2	3
23	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
24	2	2	1	1	1	1	1	1	1	1	1	1	0.00	0.00	0.00	0.00	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	3	2	2	2	2	2	0.00	0.00	2
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	1	1	1	1	1	1	1	1	1	2	4	9	12	8	8	8	12
27	13	9	0.00	0.00	2	1	0.00	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	2	2	2	2	2	2	0.00	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	1	1	2	2	2	0.00	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
30	1	1	1	1	1	1	0.00	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1
31	1	1	1	1	1	1	0.00	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0.00	1
MEAN	2	2	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	4	4	4	5	4	4	5	4	4	4	4	0.00
2	3	3	3	3	3	3	0.00	3	3	3	3	3	4	4	4	4	5	5	4	4	3	3	4	4	4
3	6	3	2	2	2	2	0.00	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	0.00	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	3	3	3	3	3	3	0.00	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	4	5	5	4	3	3	0.00	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3
7	1	2	3	3	1	1	0.00	3	3	3	3	3	3	4	4	4	6	6	5	5	5	5	5	5	5
8	2	2	2	2	2	2	0.00	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	0.00	2	2	2	2	2	2	2	2	1	2	2	3	3	3	3	2	2	2
10	2	2	2	2	2	2	0.00	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3	2
11	3	3	3	2	2	3	0.00	3	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	3	3
12	3	3	3	3	3	3	0.00	3	3	4	2	2	3	3	3	2	3	4	4	4	4	4	4	4	3
13	4	4	3	3	3	3	0.00	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3
14	3	3	3	3	3	2	0.00	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
15	4	4	4	4	4	4	0.00	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	1	1	1	1	1	1	0.00	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	0.00	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	0.00	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	0.00	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	1	1	1
20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	1	2	2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	1	1	0.00	1	1	1	1	1	1	1	2	0.00	0.00	2	2	2	2	2	2	2	2
22	1	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	1
23	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
25	1	2	2	1	2	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
26	1	1	2	3	2	2	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
27	2	1	1	1	0	1	1	1	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	2	1	1	1	1	1	2	1	1	0	1	0	1	1	1	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	***	2	2	2	3	3	2	3	3	4	4	3	3	3	3	3	3	2	3
2	2	2	2	1	1	1	***	1	2	2	2	2	2	2	***	2	1	1	1	1	1	1	1	2	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1
4	2	2	2	3	2	2	***	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	2	1
5	0	1	1	0	0	0	0	1	1	1	2	2	3	3	4	4	4	2	2	2	2	2	2	2	2
6	2	2	2	2	2	1	***	1	1	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2
7	2	2	2	1	1	1	***	2	3	3	2	2	1	3	2	2	2	2	2	1	1	1	1	1	2
8	1	1	1	1	1	1	***	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	1
9	1	1	1	1	1	1	***	1	2	2	2	2	3	4	4	4	4	4	3	3	3	3	3	3	2
10	2	2	2	2	1	1	***	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	2
11	1	2	2	2	1	2	***	1	1	1	1	1	1	2	2	3	3	2	1	2	2	2	2	2	2
12	2	2	2	2	2	2	***	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	***	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
14	1	1	1	1	1	1	***	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
15	***	2	1	2	2	2	***	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	3	2	2	1	1	0	1	***
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	2	2	2	1	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
21	1	1	1	1	1	1	***	2	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
22	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	2	2	1	***	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	2	2	2	2	2	2	***	2	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
28	4	4	3	2	2	2	***	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	6	6	3	1	1	1	***	2	2	2	2	2	1	2	2	2	2	3	2	2	2	2	2	2	2
30	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	- DATA MISSING -																								
MEAN	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA MISSING -																								
2	- DATA MISSING -																								
3	- DATA MISSING -																								
4	***	***	***	***	***	***	***	***	***	***	***	1	2	3	3	2	2	2	2	1	2	2	2	1	***
5	1	1	2	2	2	1	***	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	1	1	1	1	***	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	- DATA MISSING -																								
9	***	***	***	***	***	***	***	***	***	***	***	1	1	2	2	1	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	***	2	3	1	1	1	2	2	1	2	2	2	2	1	1	1	2	2	2
11	1	1	1	2	2	2	***	2	2	2	2	3	3	3	3	3	***	***	***	3	3	3	2	2	2
12	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	1	1	1	***	1	1	2
13	1	1	2	***	***	***	***	***	***	***	***	***	1	1	1	1	1	0	0	0	1	0	0	0	***
14	0	0	0	0	0	0	***	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0
15	1	1	1	1	1	1	***	1	1	1	2	2	2	2	2	2	3	1	1	1	1	1	1	1	1
16	1	0	0	0	0	0	***	1	1	2	2	3	2	1	1	2	2	2	3	1	2	2	2	2	1
17	1	1	1	1	1	1	***	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	***	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	1	1	***	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	1	1	0	***	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0
22	1	1	1	1	1	1	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	***	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1
24	0	0	0	0	0	0	***	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
25	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	0	***	***	***	***	***
26	1	1	1	1	2	2	***	3	3	***	***	1	2	2	1	1	1	1	1	0	0	2	1	1	1
27	1	1	1	1	1	1	***	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
28	1	1	1	1	1	2	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	- DATA MISSING -																								
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS											UNITS - PARTS PER HUNDREDMILLION														
STATION - MEMORIAL PK,CORNWALL											NO 56051														
MONTH JUL 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	2	2
2	2	2	2	2	1	1	1	3	3	3	2	2	2	2	2	1	1	1	1	0	0	0	0	0	2
3																									
4																									
5																									
6																									
7	3	2	2	3	4	4	4	4	4	4	5	5	5	5	5	5	4	5	5	6	6	5	3	3	4
8	4	4	5	5	5	4	4	3	4	4	4	4	4	5	5	4	4	4	4	5	5	5	5	5	4
9	4	5	4	4	4	3	3	4	4	3	3	3	2	2	2	2	2	2	2	2	4	3	3	1	3
10	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
11	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	3	3	3	3	3	2
12																									
13	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15																									
16																									
17	2	2	2	1	2	3	3	3	4	3	3	3	3	3	3	3	3	2	3	5	5	4	4	4	3
18																									
19																									
20	6	6	5	3	2	2	3	3	3	3	2	3	3	3	4	5	4	4	5	5	6	5	5	5	4
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
22	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
31	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
PERCENTAGE OF DATA VALID -											73														

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS											UNITS - PARTS PER HUNDREDMILLION														
STATION - MEMORIAL PK.CORNWALL											NO 56051														
MONTH AUG 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	4	4	4	4	4	5	5	4	3	3	3
2	3	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	3	3	3	3	2	2	3	2	2	2	1	1	2	2	2	3	2	2	2	2
4	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	2	2
5	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	4	7	4	2	1	2	2
6	2	2	3	3	4	4	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	4	4	4	4	4
8	4	4	5	5	4	4	5	3	3	3	4	3	6	5	8	6	4	3	3	2	2	2	2	2	2
9	3	4	4	4	4	3	3	3	3	3	2	3	3	3	3	3	3	4	3	3	3	3	3	3	3
10	3	3	3	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	2	3	2	3	2	3	2
11	3	1	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	2	2	2	4	4	2
12	3	2	3	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
14	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
16	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
18	1	2	2	3	3	3	3	3	4	5	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									
PERCENTAGE OF DATA VALID -																									

PERCENTAGE OF DATA VALID - 88

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH SEP 73

[illegible]

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH OCT 73

[illegible]

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS													UNITS - PARTS PER HUNDREDMILLION												
STATION - MEMORIAL PK,CORNWALL													NO 56051												
													MONTH NOV 73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	
2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	
3																									
4																									
5																									
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
7	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	0	1	1	1	0	
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	
15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	
16	2	2	2	2	1	1	2	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	
17	0	0	1	0	0	1	1	0	1	0	0	0	0	1	1	0	0	1	1	0	1	1	1	0	
18	1	1	1	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	
19	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	2	2	2	1	1	1	2	1	1	
20	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	
21	2	2	2	2	1	2	2	2	0	1	1	2	2	2	2	2	2	2	2	0	0	0	0	2	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	2	2	2	0	
23	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	2	3	2	2	2	2	2	1	
24	3	2	1	2	1	1	0	1	1	2	0	1	2	2	2	3	3	3	3	3	2	3	2	2	
25	3	2	2	2	2	2	2	2	2	2	0	2	2	3	4	3	4	4	3	4	3	3	2	3	
26	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
27	2	2	3	3	3	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28																									
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	1	1	1	1	1	0	0	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION													
STATION - MEMORIAL PK,CORNWALL												NO 56051													
												MONTH DEC 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	1	1	0	0	1	1	1	0
2	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	4	4	3	1	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
8	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	2	1	1	1	1	1	1	1
9	1	1	1	0	0	1	1	0	0	0	0	0	1	1	1	1	2	2	1	1	1	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	0
12	2	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	1	2	2	2	1	0	1	1	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1
16	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
17	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	0	0	0	0	1	1	2	1	1	1	0	1	1	1	1	0	0	0	0	1
19	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	2	2	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29																									
30																									
31																									
MEAN	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MEMORIAL PK. CORNWALL

NO 56051

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - TOTAL OXIDANTS

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	2	4	13
FEB	28	2	4	6
MAR	29	2	3	8
APR	25	1	2	3
MAY	18	1	1	2
JUN	28	0	2	3
JUL	26	2	4	6
AUG	30	2	4	8
SEP	9	2	4	6
OCT	23	1	3	13
NOV	26	1	3	4
DEC	28	0	1	4
YEAR	297	1	4	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	366	196	16	7	5	0	590
FEB	220	309	93	0	0	0	622
MAR	197	365	23	1	0	0	586
APR	372	113	0	0	0	0	485
MAY	320	3	0	0	0	0	323
JUN	563	18	0	0	0	0	581
JUL	188	285	75	0	0	0	548
AUG	158	389	102	2	0	0	661
SEP	93	61	47	0	0	0	201
OCT	349	89	11	4	2	0	455
NOV	426	116	4	0	0	0	546
DEC	561	23	2	0	0	0	586
YEAR	3813	1977	373	14	7	0	6184

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70	0	0.2	0.5	0.8	1.4	2.6	3.3	4.0	4.8	13	1.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	1	2	2	1	2	1	1	2	1	1	1	3	3	2	2	1	2	1	1	1	2
2	2	1	1	1	1	1	1	3	5	4	2	5	3	4	4	3	5	6	6	7	6	6	7	6	2
3	6	5	3	4	3	2	2	3	3	6	3	5	5	6	6	5	5	5	3	3	3	2	1	1	4
4	3	2	2	2	2	3	3	3	3	3	3	2	2	4	3	4	4	3	3	3	2	1	2	2	4
5	2	1	1	1	1	2	2	3	3	3	3	2	2	2	3	2	3	2	1	3	1	1	1	1	3
6	0	1	1	1	0	0	2	3	5	5	4	5	5	5	5	4	4	4	3	2	2	2	2	2	3
7	1	1	1	1	3	2	1	2	2	2	2	3	4	4	4	5	4	3	3	3	3	2	2	2	3
8	3	2	2	2	1	0	1	2	3	2	1	2	3	3	3	3	6	3	2	2	2	2	2	2	3
9	2	2	2	2	1	2	2	2	3	2	2	1	2	2	1	1	3	2	4	4	4	3	3	3	2
10	3	3	3	3	3	4	4	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	5	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	4	4	3	2	3	3	3	3	3	5	3	3	3	3	3	3	2	3
2	2	2	2	2	2	2	3	4	4	3	2	3	3	3	3	3	5	3	3	3	3	3	3	2	3
3	4	4	4	4	4	4	4	4	6	6	5	4	5	6	6	5	6	4	4	4	4	4	4	4	4
4	5	3	3	4	3	2	3	3	3	4	4	4	4	4	4	5	5	5	4	4	4	4	4	5	4
5	4	4	3	3	3	3	4	4	4	4	4	4	3	3	3	5	5	5	6	9	9	8	5	4	5
6	3	3	3	3	3	3	3	3	4	3	3	4	4	4	5	6	6	7	3	3	5	2	2	2	3
7	5	4	4	3	3	4	4	5	6	6	4	4	4	4	5	5	6	5	3	4	5	4	4	4	4
8	4	3	3	3	2	3	3	4	5	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4
9	4	3	3	3	3	3	4	7	8	9	7	5	4	5	5	5	8	4	3	5	4	5	5	4	5
10	5	5	4	5	4	3	4	4	4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	4	4
11	3	3	3	2	2	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3
12	3	3	3	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	3	4	3	3	3	3	3
13	3	3	3	3	3	4	4	5	5	5	4	4	4	5	5	4	6	5	5	5	5	4	4	4	4
14	3	3	3	3	3	3	4	6	6	5	5	5	5	6	5	5	6	6	5	4	4	5	4	4	5
15	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	4	3	3	2	2	2	4
16	2	2	2	2	2	2	2	3	4	3	2	3	3	3	3	3	4	4	2	2	2	1	1	2	2
17	2	1	1	1	1	1	2	2	3	4	4	7	4	2	2	1	1	1	2	2	2	1	1	2	2
18	2	3	3	2	1	2	2	2	3	3	5	3	3	2	1	1	1	2	1	1	1	1	1	1	2
19	2	3	2	1	2	2	2	4	4	3	5	8	6	7	5	6	6	6	5	6	5	5	5	5	4
20	5	5	5	5	5	6	6	6	7	7	7	7	7	7	7	8	8	8	7	6	6	5	5	5	6
21	5	5	5	4	4	4	5	5	5	5	4	5	5	5	5	6	6	6	5	5	5	5	5	5	5
22	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	4	3	3	4
23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	6	5	4	4	3	6	7	9	7	6	6	4	4	4	4	4	5	5	4	4	4	4	4	4	5
MEAN	4	3	3	3	3	3	4	5	5	5	4	4	4	4	4	4	5	5	4	4	4	3	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4	4	5	6	6	6	5	7	6	6	4
2	7	8	6	5	5	5	8	7	7	6	5	5	5	5	5	5	7	6	7	6	7	7	9	10	6
3	10	9	8	6	5	5	6	7	8	9	8	8	8	9	9	8	10	12	11	9	7	6	8	9	6
4	7	7	6	6	5	5	5	5	5	4	5	4	5	4	4	4	4	5	5	4	4	4	4	4	5
5	4	4	4	4	4	4	4	5	6	6	5	5	5	6	6	6	8	8	6	6	5	6	6	6	5
6	5	5	5	4	4	4	4	5	6	6	6	6	6	9	9	10	13	7	7	6	6	6	7	5	6
7	5	4	3	2	2	2	3	3	3	3	3	3	4	4	5	4	5	4	4	5	5	5	5	5	4
8	5	5	5	4	4	4	4	6	6	7	5	4	5	4	4	3	3	3	5	4	4	4	4	4	5
9	5	4	4	4	4	5	5	5	5	5	4	4	5	5	5	6	7	7	6	5	4	4	4	4	5
10	4	4	3	3	3	3	4	5	4	5	4	5	5	5	5	7	6	6	5	6	5	5	5	5	5
11	4	4	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	4	5	3	3	3	4	4	3
12	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4
13	4	3	3	3	3	3	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4
14	4	4	3	3	4	4	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	7	6	5
16	6	5	6	6	6	6	6	6	6	6	5	5	6	6	6	6	6	7	6	6	6	6	2	2	2
17	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
19	1	1	1	1	1	2	2	3	3	3	4	4	4	5	5	5	5	5	5	6	5	5	6	6	4
20	6	7	8	6	4	4	5	6	6	4	4	4	4	4	4	5	4	4	3	3	3	3	4	4	5
21	4	3	3	3	3	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4
22	3	3	3	3	3	4	4	5	6	4	3	3	4	4	4	4	5	4	4	4	4	4	4	4	4
23	5	4	5	6	5	6	10	9	5	4	4	4	4	3	3	3	4	4	3	4	4	4	3	3	5
24	4	4	3	3	2	2	2	3	4	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	3
25	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
28	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
29	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31	5	4	4	3	3	3	4	4	5	6	7	6	6	6	5	5	5	5	5	5	6	6	5	6	5
MEAN	4	4	4	4	3	4	4	5	5	4	4	4	5	5	5	5	6	5	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	4	4	4	4	4	4	5	5	5	5	6	6	6	5	6	5	6	5	6	6	6	5
2	5	5	5	4	4	4	4	4	4	7	7	6	6	5	5	5	6	6	5	5	5	4	4	4	4
3	5	4	4	4	4	4	4	4	5	6	6	6	5	6	6	6	6	8	6	6	5	4	4	4	4
4	4	3	3	4	4	4	4	4	5	5	4	5	5	5	6	6	5	5	5	4	5	4	4	4	4
5	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	5	4	4	4	5	4	4	4	4
6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	5	4	4	3	3	3	4	4	5	5	4	4	3	3	3	4	4	4	4	3	3	3	3	3	4
11	3	3	2	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	4	4	4	5	3
12	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21	6	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	6	5	5	6
22	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4
23	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	5	5	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	4	4	4	4	4	5	5	3	3	3	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4
MEAN	4	4	4	4	4	4	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5	4	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	6	6	6	6	6	6	6	7	6	6	5	6	5	5	5	5	5	5	5	5
2	3	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	5	5	4	4	5	5	5
3	5	5	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	5	5	4	4	5	5	5
4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	3	3	3	3	4
5	3	3	3	3	4	3	4	4	3	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
6	8	7	6	8	9	7	7	4	3	3	3	3	3	3	3	3	2	3	3	4	4	4	4	4	4
7	3	3	3	3	3	4	4	5	5	5	4	4	5	4	5	6	5	5	5	5	5	5	5	5	5
8	5	5	5	4	4	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	6	7	6	6	5
9	4	4	4	5	5	4	5	4	5	5	5	6	5	4	4	5	5	5	5	5	6	10	6	4	5
10	7	14	16	6	11	10	6	10	7	6	4	4	4	4	4	6	5	5	6	5	6	4	7	4	7
11	5	4	4	3	3	4	4	4	4	4	3	4	4	5	5	5	5	4	4	4	6	4	5	4	4
12	4	5	4	5	5	5	6	6	4	4	4	4	4	5	5	5	4	4	4	5	5	4	4	4	5
13	4	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	4	4	4	4	4	4	4	4	3
14	4	4	3	4	3	3	4	4	4	4	3	2	3	4	4	4	4	4	4	3	3	4	5	5	4
15	5	4	4	4	4	6	6	5	5	5	4	4	4	4	4	5	4	4	4	4	5	5	6	8	5
16	4	4	5	4	5	4	5	6	4	4	4	4	4	4	6	6	6	4	4	4	4	4	4	4	5
17	4	4	3	3	4	5	6	5	5	5	5	4	3	4	4	4	4	4	4	5	5	5	5	4	4
18	4	4	4	4	5	8	10	6	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	5
19	6	5	5	5	6	6	7	6	6	6	5	5	5	5	5	5	6	6	5	5	6	6	6	6	6
20	6	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	6	8	10	8	8	6
21	6	6	6	6	7	9	9	10	6	5	5	5	5	5	5	6	6	6	6	6	6	7	10	12	7
22	13	9	7	6	6	7	7	9	8	8	7	9	9	7	7	8	8	7	7	7	7	7	7	7	8
23	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	7
24	6	5	5	5	5	6	7	7	6	6	6	6	6	6	5	5	5	5	5	6	6	6	6	6	6
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	7	7	5	5	5	6	5	5	7	8	6	6	6	7	8	7	7	6	6	6	6	6	6	6	6
27	5	5	4	4	4	4	4	4	4	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	6
28	5	5	5	5	5	6	6	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5
29	6	5	7	6	6	6	7	7	5	5	5	5	5	5	5	6	7	6	7	7	7	7	7	7	6
30	3	3	3	3	4	4	5	5	5	5	5	6	6	5	5	6	7	9	8	7	6	5	5	5	5
31	5	4	5	5	8	6	7	9	7	6	6	5	4	4	4	5	4	5	5	5	5	4	5	6	5
MEAN	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	6	6	7	7	6	6	6	6	6	5	6	6	6	6	5	5	5	5	6	6	6	6
2	6	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	5	5	5	5	6	6	6	6
3	4	4	4	4	5	5	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	4	4	4	6
4	4	5	5	6	7	5	5	7	6	7	6	6	5	6	7	8	6	6	6	6	5	7	6	5	6
5	5	5	4	4	4	5	5	6	6	6	7	5	5	5	6	6	6	6	6	6	5	6	5	6	6
6	4	4	4	4	5	5	8	8	6	6	6	7	7	6	7	9	9	5	5	5	5	4	4	4	5
7	8	7	6	6	7	8	9	10	8	7	7	6	6	5	6	5	5	6	6	6	10	10	9	7	7
8	7	6	6	6	6	7	7	6	6	6	6	5	5	6	6	6	6	6	6	6	7	7	7	7	6
9	6	8	6	5	6	5	7	6	6	6	6	6	5	5	5	5	5	5	5	5	7	8	8	10	6
10	8	6	6	6	7	7	6	7	6	6	6	6	6	6	6	6	6	6	6	6	8	8	7	7	6
11	10	9	8	7	9	8	8	7	7	7	7	6	6	6	6	7	7	6	7	7	8	8	8	8	8
12	8	8	7	7	7	9	10	8	7	7	7	7	7	7	8	8	7	7	6	7	7	8	13	9	8
13	6	5	5	5	5	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5
14	6	6	6	6	8	11	13	11	6	5	5	5	5	5	5	7	6	5	5	5	6	6	6	6	6
15	6	6	6	6	6	7	8	7	5	5	5	5	5	4	5	6	5	5	5	6	6	6	6	6	6
16	6	6	6	7	7	7	7	6	7	9	9	9	8	7	7	8	8	7	7	7	7	6	7	6	7
17	5	5	5	6	6	5	6	6	6	6	6	6	5	5	6	7	7	7	7	7	6	6	7	7	6
18	6	7	6	5	7	8	8	9	8	7	7	7	8	7	6	7	8	8	7	9	7	8	7	7	7
19	7	6	6	6	6	7	8	8	7	7	7	7	7	7	7	7	6	7	7	6	6	6	6	6	7
20	6	6	6	7	6	7	7	7	7	7	7	7	8	8	8	9	9	9	9	7	9	11	16	18	8
21	12	10	8	9	10	9	11	11	10	9	7	6	6	5	6	6	6	7	7	7	7	8	11	9	8
22	9	8	7	8	9	9	10	9	8	8	6	4	4	4	5	6	6	5	5	5	5	6	6	6	7
23	5	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	7	5	6	6	5
24	6	6	6	6	6	6	6	6	6	6	5	4	4	4	5	5	5	5	5	6	6	6	6	6	6
25	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5	5	5	5	5	6	6	6	6	5
26	4	5	5	5	5	6	6	6	6	6	6	7	7	5	5	4	3	3	4	4	4	4	4	4	5
27	7	7	9	7	7	7	7	7	6	7	6	6	5	5	6	7	6	6	6	6	7	7	7	7	7
28	5	5	5	5	5	5	6	6	10	9	8	8	9	9	9	9	9	9	9	9	5	5	5	5	6
29	5	7	7	4	4	5	4	6	7	7	7	6	6	6	6	6	6	6	6	6	7	8	7	9	6
30	8	7	6	6	6	7	8	7	6	6	6	6	6	6	6	6	6	6	6	6	8	7	9	9	7
MEAN	6	6	6	6	6	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	7	7	7	7	6

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 73

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	10	8	7	7	6	6	5	5	5	5	5	5	5	5	5	5	5	6	7	6	6	6	6
2	6	6	6	6	7	7	10	8	9	7	6	5	5	5	5	5	7	7	7	8	7	7	7	7	7
3	8	7	6	6	6	6	8	9	9	6	6	7	7	6	6	6	6	5	6	6	11	6	6	6	6
4	8	7	6	6	6	6	7	7	6	7	6	5	5	5	5	5	5	5	5	6	6	6	6	6	6
5	5	5	6	6	6	6	8	8	8	10	9	5	5	5	5	5	5	4	4	4	5	5	5	5	5
6	8	8	6	6	7	8	7	9	9	7	6	5	5	5	5	5	4	4	4	5	5	5	5	5	5
7	6	6	6	6	6	6	8	9	9	6	5	5	5	4	4	4	4	4	4	5	7	7	5	5	5
8	6	6	6	6	6	6	7	6	5	5	5	5	6	6	6	5	5	4	4	5	5	5	5	5	5
9	5	5	5	4	4	4	4	6	6	6	6	6	6	7	7	8	8	7	7	7	6	5	5	5	6
10	5	4	5	4	5	5	5	6	6	6	6	6	7	7	7	7	7	7	7	7	6	5	5	5	6
11	5	4	4	4	4	4	5	5	6	6	6	6	6	6	6	5	4	3	3	2	2	2	2	2	4
12	4	4	3	3	3	3	4	4	4	4	7	6	5	4	4	4	4	4	4	4	4	4	4	4	4
13	4	4	3	6	4	4	5	5	5	5	5	5	5	6	4	4	5	5	7	5	5	4	4	4	4
14	4	3	3	3	3	3	4	4	4	4	4	4	4	5	4	5	5	4	5	6	6	6	6	5	6
15	6	5	5	5	5	4	5	7	8	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6
16	5	5	5	5	5	5	5	5	5	5	6	5	5	4	3	3	3	4	4	4	2	2	5	4	5
17	5	5	5	5	5	7	12	11	10	6	6	4	1	1	1	1	1	1	1	3	4	4	4	4	3
18	3	5	4	4	4	7	6	5	5	3	4	1	1	1	1	2	4	4	3	4	5	5	5	5	5
19	4	4	4	4	5	5	8	6	6	6	5	4	4	4	4	4	4	4	4	5	6	6	6	6	7
20	4	4	5	5	5	9	10	8	10	8	7	8	8	8	8	8	8	5	6	6	5	6	6	6	6
21	5	5	5	4	4	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5
22	6	6	4	4	5	5	5	4	4	4	4	5	5	4	4	4	4	4	4	5	6	6	5	5	5
23	4	4	4	5	5	5	6	5	5	5	5	4	4	4	5	4	4	5	5	5	5	5	4	4	5
24	4	4	4	4	4	4	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6
25	5	5	5	5	5	6	9																		

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH AUG 73

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	4	4	6	7	5	5	5	5	6	7	7	7	6	6	6	6	8	7	5	6	
2	6	5	5	4	4	4	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
3	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	6	4	4	4	4	6	8	10	5	
4	8	6	4	5	4	4	10	10	8	4	3	3	3	3	3	3	3	3	3	5	5	5	5	5	
5	5	5	5	4	6	6	6	5	5	4	3	3	3	4	4	4	4	4	4	4	4	5	4	5	
6	5	5	5	4	4	4	5	5	6	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	
7	4	4	4	4	4	6	8	7	5	6	5	5	4	4	5	5	6	6	6	6	6	6	6	6	
8	5	6	6	5	5	6	6	6	6	6	6	6	6	7	7	7	8	8	8	8	8	8	8	8	
9	6	6	6	6	7	6	6	7	7	5	5	6	6	5	6	7	7	7	7	7	7	7	7	7	
10	6	6	6	6	6	6	6	6	6	5	5	6	6	5	6	7	7	4	4	3	5	5	5	5	
11	11	8	4	4	3	4	5	5	4	3	3	3	4	3	3	3	4	3	3	4	6	6	6	5	
12	5	5	4	4	5	7	6	6	4	3	3	3	4	3	3	3	3	3	3	4	4	6	6	4	
13	4	5	3	3	3	4	10	5	6	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	
14	4	3	3	3	3	4	5	6	4	4	5	5	4	4	4	4	4	3	3	4	4	4	3	4	
15	6	10	7	7	7	9	11	12	9	8	7	6	6	5	5	6	6	6	5	6	6	6	7	7	
16	6	6	6	6	6	7	7	8	8	8	7	6	6	6	6	6	6	6	6	6	9	8	10	10	
17	10	9	7	7	6	5	6	6	6	6	5	5	5	4	4	4	5	5	5	6	6	10	10	6	
18	6	6	6	6	6	5	6	6	6	6	5	5	5	4	4	4	5	5	5	5	5	5	5	5	
19	5	12	13	14	12	13	13	10	6	6	6	6	6	6	4	4	4	6	5	5	5	4	5	5	
20	5	4	4	4	4	5	6	6	6	6	6	5	6	6	6	7	6	5	5	5	5	4	4	5	
21	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	
22	4	3	3	3	3	4	7	9	9	4	4	4	4	4	4	4	4	4	4	4	4	5	7	5	
23	4	4	4	4	6	6	8	7	7	4	4	4	4	4	4	4	4	4	4	4	8	8	7	6	
24	7	7	4	6	6	6	6	6	6	6	5	5	5	4	5	5	5	5	5	5	5	6	7	6	
25	6	5	5	5	5	6	6	6	6	6	6	6	6	6	5	5	5	5	6	6	6	6	6	6	
26	6	6	6																						

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	6	6	6	7	7	6	6	6	6	5	5	5	5	5	5	5	6	6	6	7	7	6
2	7	7	7	6	7	7	7	7	7	6	6	5	5	5	5	5	5	5	5	6	6	6	6	6	6
3	6	5	5	5	5	6	6	6	5	5	5	5	4	4	4	4	4	5	5	6	6	5	6	5	5
4	6	5	5	5	5	6	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6	6	5	5
5	6	4	4	4	5	4	8	7	5	5	5	6	6	5	5	5	5	6	6	6	5	5	4	4	6
6	4	4	3	3	3	3	4	5	4	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	4
7	3	3	3	3	3	3	4	5	5	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	4
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	3	3	4	4	7	8	8	6	5	4	3	3	2	2	3	3	3	3	4	4	5	6	5	4
11	5	6	6	5	4	4	5	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
12	2	2	2	2	3	4	6	8	5	3	2	2	2	2	2	3	3	3	3	5	8	11	12	11	4
13	8	10	9	9	7	10	19	14	6	8	5	4	4	4	4	6	5	4	4	5	5	6	6	4	7
14	4	4	3	3	3	4	5	6	6	6	5	5	5	4	5	5	4	4	4	5	5	5	6	5	5
15	6	5	7	7	7	8	9	9	12	6	5	4	4	3	3	3	3	3	3	4	4	3	3	3	5
16	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	2	2
17	2	2	2	2	4	3	3	4	4	5	5	4	5	6	6	8	7	7	7	6	5	5	3	5	5
18	3	3	3	3	3	4	4	5	5	5	4	4	4	4	3	4	4	4	4	7	10	9	9	7	5
19	6	5	6	5	4	5	7	6	5	5	4	3	4	3	4	5	4	4	4	3	6	9	15	10	6
20	7	3	3	4	4	4	5	5	5	4	4	4	4	3	3	3	3	3	3	2	2	3	3	3	4
21	3	2	1	1	1	3	5	4	3	3	4	4	4	4	4	5	4	3	4	5	4	4	5	5	4
22	6	5	4	5	5	5	5	6	5	5	6	6	7	6	5	5	5	5	6	6	5	5	6	5	5
23	7	7	6	6	5	5	5	6	7	5	5	5	5	5	5	5	5	5	6	6	5	5	6	6	6
24	6	5	5	5	6	7	9	13	8	6	5	6	6	6	6	7	6	6	6	6	6	6	5	6	6
25	5	4	5	5	4	5	5	6	6	7	6	4	5	5	5	6	6	5	5	6	6	6	6	5	5
26	5	5	5	5	5	6	6	7	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5
27	4	4	4	4	4	5	5	6	6	7	7	6	6	5	5	6	6	7	7	7	7	6	5	5	6
28	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6
29	5	7	12	12	11	10	8	7	6	7	8	7	7	6	6	7	9	7	7	8	5	5	5	5	7
30	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4
MEAN	5	4	5	5	5	5	6	6	5	5	5	4	4	4	4	5	4	4	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	4	4	5	7	8	6	6	6	6	6	6	7	6	6	5	5	5	5	5	5	5	5
2	5	5	4	4	4	4	6	6	6	4	5	4	5	5	4	6	8	7	7	6	7	6	5	4	5
3	5	6	6	5	5	6	7	8	6	5	5	5	6	6	6	6	6	6	8	11	12	12	15	7	7
4	6	5	5	4	5	5	7	8	6	4	3	4	4	4	5	5	5	4	4	4	3	3	3	2	5
5	2	2	1	1	1	2	3	4	3	2	2	2	3	2	2	3	2	3	4	4	6	7	9	7	3
6	10	10	7	7	7	8	13	14	6	3	3	1	2	2	3	3	3	4	5	4	4	3	3	3	5
7	4	3	3	3	3	2	2	3	4	3	3	2	2	3	3	4	4	4	4	5	4	4	4	3	3
8	3	3	3	3	2	4	4	3	3	2	2	3	5	4	4	4	4	6	6	5	5	4	4	3	4
9	4	4	3	3	2	3	4	4	4	6	5	5	5	4	4	5	4	5	5	5	4	4	4	3	4
10	5	5	4	4	3	4	4	6	5	6	6	5	5	4	4	5	4	5	5	5	4	4	4	4	5
11	4	4	4	4	3	5	6	6	9	9	7	6	6	6	6	6	6	7	6	6	5	5	5	5	6
12	5	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	5	5	5	5	6
13	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	0	0	2	2	2	2	5	5	4	4
14	4	4	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	5	4	7	9	7	8	7	4
15	3	3	3	3	3	5	6	9	6	5	4	5	5	5	5	5	3	3	3	3	3	3	2	2	4
16	3	3	3	3	3	3	4	5	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	3
17	3	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	2	2	3	3	2	2	2	2	2
18	2	1	1	1	3	2	3	4	2	2	3	2	3	3	3	4	3	3	3	4	4	5	7	11	3
19	12	11	10	10	9	11	10	8	4	10	3	2	2	3	3	4	3	3	3	4	4	5	7	11	3
20	- DATA MISSING -																4	4	4	4	4	4	4	4	4
21	- DATA MISSING -																5	5	6	9	9	10	9	8	7
22	5	7	8	7	6	9	19	31	22	15	11	7	5	4	4	4	4	6	8	7	5	6	6	6	9
23	6	5	5	4	5	9	12	14	10	5	4	4	4	4	4	5	5	5	5	5	4	5	4	4	6
24	4	4	4	4	3	4	5	6	5	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	4
25	4	4	4	4	4	5	7	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5
26	4	4	4	4	4	5	5	7	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	5	7	7	6	6	5	5	8	5	3	3	4	4	4	4	4	4	4	4	4	3	4	4	4	5
28	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	3	3	3	3	3	3	4	4	4	4	5	5	4	4	4	5	6	5	5	5	4	4	3	4	4
31	3	3	3	3	3	3	3	5	5	4	3	4	4	4	4	4	6	4	3	3	3	3	3	3	4
MEAN	5	4	4	4	4	5	6	7	6	5	4	4	4	4	4	4	4	4	5	5	5	5	5	4	5

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	3	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	3	5	3	3	2	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2
12	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
13	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4
14	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5
15	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6	6	6
16	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7	7	7	7	7	7	7
17	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	8	8	8	8	8	8	8	8	8
18	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	9	9	9	9	9	9	9	9	9
19	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10	10
20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	5	5	4	4	4	4	4	5	4	3	3	3	3	4	4	4	3	4	4	4	4	5	4	4	4
22	6	5	4	4	4	4	4	5	4	3	3	3	3	5	5	5	6	6	6	6	6	6	6	6	6
23	7	7	6	6	7	7	7	10	12	16	11	12	12	7	6	6	7	7	7	7	7	7	7	7	7
24	5	5	5	5	5	5	5	5	5	6	6	6	6	8	8	6	6	7	7	7	6	5	5	5	5
25	5	5	5	5	5	5	5	5	5	6	6	6	6	5	5	5	6	5	5	5	5	5	5	5	5
26	3	3	3	3	3	3	3	4	5	6	5	5	3	3	4	5	6	4	4	4	4	4	4	4	4
27	4	4	4	4	4	4	4	5	6	8	8	6	6	6	6	6	7	6	6	6	7	5	5	5	5
28	5	5	5	5	4	4	4	5	5	5	5	4	4	5	5	4	5	4	3	3	3	3	3	3	3
29	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	2	2	2	2
30	2	3	5	3	3	4	3	5	5	4	4	4	4	4	4	5	4	4	4	4	3	3	3	4	4
MEAN	4	4	3	3	3	3	4	5	5	5	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	3	3	2	3	3	3	3	3	4	4	3	3	3	3	3	3	4	3	3	3	3	3
2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5
4	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
9	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	2	2	2	2
11	2	2	1	1	1	1	1	3	4	4	4	4	4	4	4	3	3	6	3	3	3	2	2	2	2
12	2	2	2	2	2	2	2	3	4	3	2	1	1	2	3	4	5	5	5	5	6	8	5	4	3
13	3	4	3	3	3	4	4	5	5	5	5	5	5	5	5	6	8	6	5	4	3	3	3	3	3
14	3	3	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2	1	1
15	2	1	1	0	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	2	2	1	1	1	2
16	1	1	0	1	1	1	1	0	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
17	0	0	1	1	1	1	2	2	3	3	3	3	3	3	3	3	4	5	3	3	3	3	3	2	2
18	3	2	2	2	2	2	3	4	5	6	8	8	8	8	8	7	8	7	7	7	6	5	5	5	5
19	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	5	4	3	3	4	4	4	3	3
20	3	2	2	3	3	3	3	5	6	5	4	4	4	4	5	5	6	5	4	3	3	3	3	3	3
21	3	3	3	2	2	2	3	3	4	4	4	4	4	3	4	4	5	5	5	5	5	4	7	5	4
22	4	3	3	3	4	4	4	7	6	5	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3
23	DATA MISSING																								
24	5	5	5	4	4	3	3	3	3	3	3	4	4	4	4	4	5	5	5	4	4	4	4	5	5
25	5	5	5	4	4	3	3	5	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	5	4	4	4	4	4	5	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4
28	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3
29	4	4	3	3	3	3	3	3	3	5	4	4	4	4	5	4	4	3	3	2	2	2	2	2	2
30	3	2	3	3	3	4	4	4	5	4	5	3	3	3	3	3	2	2	2	2	2	3	3	3	3
31	3	3	3	3	2	2	3	3	3	4	5	5	6	5	5	6	7	6	6	5	5	4	3	3	4
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	4	9	17
FEB	28	4	6	10
MAR	31	5	8	13
APR	30	5	6	12
MAY	31	5	8	16
JUN	30	6	8	18
JUL	31	5	9	25
AUG	31	6	8	14
SEP	30	5	7	19
OCT	29	5	9	31
NOV	30	4	8	16
DEC	30	3	6	8
YEAR	351	5	9	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	63	191	176	13	2	0	445
FEB	24	265	372	7	0	0	668
MAR	19	151	551	18	0	0	739
APR	0	131	579	5	0	0	715
MAY	0	80	618	21	2	0	721
JUN	0	2	654	57	2	0	715
JUL	15	67	630	23	2	0	737
AUG	0	52	629	40	1	0	722
SEP	3	194	494	24	3	0	718
OCT	11	192	431	29	8	1	672
NOV	24	303	366	18	3	0	714
DEC	50	341	308	0	0	0	699
YEAR	209	1969	5808	255	23	1	8265

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94	0	2.0	3.2	4.0	5.0	6.5	7.5	8.9	10.0	31	4.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
MEAN	1	1	1	1	0	0	1	1	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	3	3	2	1	1	2	2	2	2	3	3	2	3	3	2	2	3	2
2	5	4	2	1	1	2	2	3		4	3	5	6	5	4	6	6	4	5	3	3	2	2	2	3
3	1	1	1	1	1	1	0	0	0	1	2	2	2	2	2	2	2	3	2	1	1	0	0	0	2
4	4	4	4	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	1
5	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	4	4	2	1	1	1	2	3	2
6	1	1	1	0	0	0	2	8	4	3	2	2	4	4	4	3	4	4	2	1	1	1	0	0	2
7	3	2	1	1	1	1	4	6	5	2	1	2	2	3	3	3	2	2	0	1	1	0	0	0	2
8	0																								
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
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21																									
22																									
23																									
24																									
25																									
26																									
27																									
28	0	0	0	0	0	0	0	2	3	1	2	3	2	2	3	2	3	2	2	2	3	3	2	1	1
29	1	0	0	0	0	0	0	2	2	2	2	2	1	1	1	2	3	3	2	4	4	3	2	3	2
30	2	1	1	1	0			3	3	3	3	3	3	3	3	5	8	8	6	7	7	4	2	5	4
31	5	5	4	4	4	4	5	6	5	6	5	5	6	5	7	7	8	8	7	6	6	6	7	7	6
MEAN	2	2	1	1	1	1	2	3	3	3	2	2	3	3	3	3	4	4	3	3	3	2	2	3	2

PERCENTAGE OF DATA VALID - 35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	5	6	6	9	11	6	6	6	6	5	6	6	6	5	5	5	6	5	5	6	6
2	6	5	4	3	5	3	9	12	11	9	6	6	6	5	6	6	6	5	5	5	6	5	5	6	6
3																									
4																									
5																									
6	0	0	0	0	0	0	1	1	2	2	2	2	2	1	1	0	0	2	1	1	1	1	1	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
8	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	1	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1
10	2	2	1	1	1	0	1	2	1	6	2	2	2	1	1	1	1	1	1	1	0	0	1	1	1
11	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	1
12	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
13	1	1	0	1	1	1	1	1	1	1	2	2	2	1	1	0	0	0	0	0	0	0	0	0	1
14	1	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	2	1	0	0	0	0	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
17																									
18																									
19																									
20	1	2	1	0	0	0	0	0	0	0	4	2	3	2	1	4	4	3	1	1	1	1	1	1	3
21	3	1	1	1	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0
25	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1
26	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	3	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	1	2	3	1	5	9	1	2	2	1	1	0	1	1	1	1	1	1	1	1	2	1	2
MEAN	2	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	3	2	3	3	3	1	2	2	4	5	8	4	5	5	4	1	3	1	5	3
2	0	0	0	0	0	1	1	2	1	0	1	1	1	1	1	2	1	1	1	0	0	0	0	0	1
3	0	0	0	0	0	1	1	1	0	0	1	1	0	1	1	2	1	1	1	1	0	0	0	0	0
4	0	0	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	2	3	4	3	2	1	1	1	2	2	1	1	0	0	0	0	0	0
8	2	1	2	1	2	3	7	5	3	5	4	5	5	5	7	8	5	4	7	8	2	1	1	2	1
9	1	1	1	1	1	2	3	3	2	2	2	2	2	1	1	2	2	1	2	2	2	1	1	1	4
10	1	0	0	0	0	1	2	2	1	1	0	0	1	1	2	4	3	2	2	1	1	2	2	2	1
11	2	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	1	1	2	2	1	2	1	2
12	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	1	2	4	3	1	1	1	1	2	3	3	6	4	3	0	3	1	2	4	3	2
15	1	1	0	0	1	1	1	0	0	1	3	3	2	3	2	2	2	1	1	2	1	1	1	1	1
16	0	0	0	0	0	1	2	2	1	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0	1
17	1	0	0	0	0	2	3	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	1
18	0	0	0	0	0	1	2	2	1	1	1	1	1	2	1	2	1	1	2	3	4	2	2	1	1
19	2	1	1	1	1	1	1	1	3	2	1	1	2	2	1	2	1	2	2	4	5	4	1	2	2
20	3	4	2	1	1	1	2	1	2	2	2	2	1	2	3	2	2	2	2	2	1	1	0	0	2
21	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	1	1	2	2
23	1	1	1	1	1	5	5	5	2	3	3	3	3	4	5	6	4	6	3	4	3	4	4	2	3
24	2	2	2	2	2	3	3	3	2	3	3	2	3	3	5	4	4	2	1	1	1	2	2	1	2
25	1	1	1	1	1	4	4	4	5	4	5	5	5	5	3	3	1	1	2	9	7	5	2	3	4
26	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	1	2	2	2	2	3	3	5	1	1	3	2	5	4	4	2	3	2	1
31	2	1	1	0	1	2	3	2	2	2	1	1	1	1	2	2	2	1	2	1	2	1	1	1	1
MEAN	1	1	1	0	1	2	2	2	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2	1	2

PERCENTAGE OF DATA VALID - 99

UNITS - PARTS PER MILLION

MONTH JUN 73

PERCENTAGE OF DATA VALID - 98

UNITS - PARTS PER MILLION

MONTH JUL 73

PERCENTAGE OF DATA VALID - 86

UNITS - PARTS PER MILLION

PERCENTAGE OF DATA VALID - 91

UNITS - PARTS PER MILLION

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS PER MILLION													
STATION - BARTON/WENTWORTH HAM OAMST NO 29025												MONTH OCT 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	3	4	4	8	11	11	3	3	1	1	2	2	2	4	1	2	0	1	3	3	2	0	3
2	0	0	0	0	0	3	4	3	3	2	2	3	3	4	5	4	3	3	2	3	3	5	4	1	2
3	0	0	0	0	0	2	3	5	2	2	2	2	2	2	2	2	2	2	2	2	4	3	2	3	2
4	3	1	1	1	1	7	7	3	4	4	4	4	4	4	5	5	6	5	5	2	3	3	2	3	4
5	2	1	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	2	2	2	2	2	1	1	2
6	1	1	1	0	1	2	2	2	2	1	1	2	2	2	3	2	1	2	3	6	7	3	1	0	1
7	4	1	1	1	2	1	2	1	1	1	2	2	1	1	1	0	0	1	0	1	2	2	1	2	1
8	0	0	1	1	1	1	1	1	1	0	0	1	1	1	2	3	1	1	3	2	2	2	1	9	3
9	1	1	1	1	2	3	2	2	2	2	1	2	2	3	4	4	4	1	3	2	5	2	2	3	4
10	5	7	4	4	4	8	10	13	5	5	3	3	3	5	3	3	3	2	4	2	2	2	2	3	4
11	2	2	2	1	2	3	2	2	3	2	2	2	2	2	4	7	4	3	3	3	5	4	1	1	3
12	2	2	1	1	1	3	7	7	3	4	5	5	4	8	9	5	4	3	3	3	2	2	2	2	4
13	4	2	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	1	1	1	1	1	0	0	1
14	1	0	0	0	0	0	2	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	4	11	8	4	2	2	2	1	1	1	1	1	1	2	3	2	2	1	1	2
16	1	1	0	0	0	1	2	1	1	1	1	1	2	3	3	3	3	1	1	1	1	1	1	1	1
17	DATA MISSING																								
18	2	2	2	2	2	4	8	6	7	5	2	2	3	4	4	7	6	9	7	8	5	3	8	11	5
19	6	4	3	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
20	1	1	2	2	2	3	5	3	2	2	1	2	2	2	2	2	2	2	2	2	2	4	3	2	2
21	3	2	1	1	1	6	11	10	5	5	5	4	4	7	8	9	9	5	4	5	10	12	14	10	6
22	5	3	3	3	3	5	8	8	5	5	5	4	3	3	4	3	4	6	5	4	3	4	4	6	4
23	6	3	3	3	3	5	8	11	9	5	5	5	5	5	5	7	5	5	5	6	6	5	4	5	5
24	7	5	5	5	4	6	7	10	11	8	6	6	5	5	3	4	4	4	3	2	2	2	1	1	5
25	1	0	0	0	0	2	3	2	2	2	1	2	2	2	1	2	3	1	1	2	2	2	2	1	2
26	1	1	0	0	0	0	0	0	1	0	1	2	2	2	2	2	1	1	1	0	0	0	0	1	1
27	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
28	0	1	1	0	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1
29	1	1	1	2	2	2	1	1	1	2	1	1	0	0	1	1	1	1	0	0	1	2	2	2	1
30	1	1	1	1	1	1	5	5	4	2	2	2	2	3	4	4	4	3	2	2	2	2	2	2	2
31	1	1	1	1	1	1	5	5	4	2	2	2	2	3	4	4	4	3	2	2	2	2	2	2	2
MEAN	2	2	1	1	1	3	4	4	3	3	2	2	2	3	3	3	3	2	2	2	3	3	3	3	3
PERCENTAGE OF DATA VALID -												93													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS PER MILLION													
STATION - BARTON/WENTWORTH HAM OAMST NO 29025												MONTH NOV 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	4	2	1	2	3	3	3	2	2	3	5	6	7	7	7	7	7	4
3	6	6	6	5	5	5	5	6	5	5	4	3	1	1	0	0	0	0	0	0	0	0	0	0	3
4	- DATA MISSING -																								
5	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	3	3	3	2	2	2	2	2	0
6	2	2	2	2	2	3	3	4	3	3	3	3	2	2	3	3	4	4	3	3	3	3	3	3	3
7	3	3	3	2	2	2	3	4	4	4	4	4	3	3	2	2	4	6	5	5	5	4	3	3	3
8	3	2	2	2	2	2	2	3	3	2	2	1	2	1	2	2	2	3	2	2	2	2	1	2	2
9	2	1	1	1	1	1	2	2	3	3	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3
10	3	3	3	3	3	4	5	5	5	4	3	3	2	2	3	4	4	3	3	3	3	3	3	3	3
11	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	2	2	2	2	2	2	3	3	3	1	3	3	2	2	2	3	3	3	2	1	1	1	1	1	2
13	1	0	0	0	0	0	1	1	3	6	7	7	7	8	9	11	12	12	12	12	8	8	8	8	5
14	0	0	0	0	0	7	8	9	7	5	4	3	2	2	1	2	5	3	2	2	1	2	3	2	4
15	2	1	1	0	1	1	1	1	1	2	3	3	4	4	4	6	5	4	3	3	3	3	3	3	3
16	3	3	2	2	2	2	2	3	3	3	2	3	3	3	3	4	4	3	4	4	5	4	4	3	3
17	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
18	4	5	4	3	3	3	3	4	3	3	3	4	4	4	3	5	5	4	4	4	4	5	4	3	4
19	2	3	3	3	3	3	3	3	3	3	4	6	5	6	5	3	6	6	3	3	4	6	4	3	4
20	3	3	2	2	2	2	2	4	7	4	4	3	2	3	2	2	4	3	3	3	3	3	3	3	3
21	4	3	2	2	2	3	9	13	9	7	9	7	6	9	14	16	11	5	3	3	3	2	2	2	6
22	2	1	1	1	1	1	2	4	3	2	2	2	2	3	4	4	8	9	4	4	4	2	2	2	3
23	2	2	1	1	1	1	2	4	3	2	2	2	2	3	3	3	4	4	4	4	2	2	2	2	3
24	2	2	3	3	3	3	3	3	2	2	3	3	3	3	4	7	8	5	4	4	1	1	1	1	1
25	2	2	1	1	1	1	1	1	1	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	3	5	3	3	3	2	3	4	3	3	2	1	1	1	1	2	2	2	2
27	2	2	2	1	1	1	1	1	4	5	3	4	4	4	1	1	5	14	5	9	16	6	4	3	5
28	3	2	2	2	1	1	2	3	3	3	3	2	3	4	4	4	4	4	3	3	3	2	2	2	3
29	2	1	1	1	1	2	3	3	3	3	3	3	4	4	3	4	4	4	3	3	3	3	3	3	3
30	3	3	2	2	2	3	3	4	4	3	3	4	4	3	3	4	4	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3
PERCENTAGE OF DATA VALID -												92													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

	STATION - BARTON/WENTWORTH HAM. OAMST								NO 29025																MONTH DEC 73								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN								
1	2	2	1	1	2	2	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	2								
2	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	4	4	7	7	8	11	11	10	11	5								
3	12	7	8	6	3	3	3	4	4	3	4	4	3	3	4	4	5	4	3	3	3	3	3	3	4								
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
5	1	1	1	1	1	2	6	12	13	12	13	3	2	2	2	2	4	3	1	1	1	1	1	1	4								
6	1	1	0	0	0	0	1	2	1	1	2	2	1	1	1	2	3	2	2	2	1	2	1	0	1								
7	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	2	2	2	1	1	1	2	4	2	1								
8	2	2	1	0	0	0	3	4	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2	4	2								
9	4	5	3	2	1	1	2	2	2	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1								
10	1	1	0	0	1	1	2	4	4	3	1	1	1	1	1	2	3	2	2	2	1	1	1	2	2								
11	1	1	0	0	0	0	1	2	2	0	1	2	2	2	2	2	4	3	2	1	1	1	2	1	1								
12	1	1	1	1	1	1	2	4	3	2	2	2	2	2	3	4	7	4	4	3	2	3	4	4	3								
13	5	5	4	3	2	3	7	11	8	3	1	1	3	3	7	6	11	8	6	2	1	0	1	1	4								
14	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
15	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2								
16	2	2	2	2	3	3	3	3	1	0	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3								
17	3	2	2	3	3	4	4	4	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5								
18	6	6	6	6	6	6	6	7	7	6	0	1	2	2	2	2	2	2	1	2	1	1	1	4	4								
19	2	2	1	1	0	1	1	1	0	1	3	4	3	3	3	5	5	6	5	4	3	4	4	4	3								
20	3	2	2	2	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	2	1								
21	2	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	1	2	1	1	2	2	1								
22	2	2	2	2	2	2	3	4	4	4	4	4	4	3	4	4	3	3	3	2	2	2	1	1	3								
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1								
24	0	0	1	1	1	1	2	2	1	2	4	3	4	2	2	2	3	3	3	2	3	3	4	4	2								
25	2	3	3	2	2	1	1	2	2	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2								
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
27	5	3	2	2	2	2	2	3	3	2	3	3	3	2	4	4	6	5	4	3	3	2	2	2	3								
28	2	2	2	1	1	2	2	3	3	3	3	3	3	3	4	5	7	6	5	5	5	7	7	5	4								
29	5	4	3	2	2	2	2	2	3	2	2	2	2	2	3	5	3	2	2	2	2	2	2	2	3								
30	3	3	2	3	3	3	3	3	3	4	3	3	3	4	3	2	3	3	3	3	3	3	4	4	3								
31	0	0	0	0	4	4	3	3	4	3	2	3	2	3	3	3	8	6	3	4	5	4	4	3	4								
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	2	2	3	3	4	3	3	3	2	2	3	3	3								

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	7	1	2	5
MAR	13	2	6	8
APR	26	1	6	12
MAY	31	2	4	9
JUN	30	2	3	6
JUL	30	2	4	8
AUG	30	2	4	9
SEP	30	2	4	12
OCT	30	3	6	14
NOV	29	3	6	16
DEC	31	3	5	13
YEAR	287	2	6	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN		DATA MISSING					
FEB	107	37	4	0	0	0	148
MAR	90	116	59	0	0	0	265
APR	365	104	35	5	0	0	509
MAY	436	230	75	1	0	0	742
JUN	260	363	83	0	0	0	706
JUL	254	329	57	0	0	0	640
AUG	237	366	74	1	0	0	678
SEP	306	319	88	3	0	0	716
OCT	278	252	147	21	1	0	699
NOV	116	375	157	14	4	0	666
DEC	214	322	135	11	0	0	682
YEAR	2863	2813	914	56	5	0	6451

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.2	0.7	1.3	2.1	3.7	4.9	6.6	7.9	16	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	4
2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	5	5	6	6	5	5	5	6	6	5	4
3	5	5	5	5	5	6	7	8	8	7	7	7	6	5	5	5	5	4	4	3	3	3	3	3	5
4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	4
5	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5	5	6	6	6	6	5	5	5	5	5
6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	3	3	3	3	3	3	3	3	4	4	3	3	4	3	4	4	4	4	4	4	4	3	4	4	4
11	3	3	3	3	3	2	3	3	4	4	3	3	3	3	3	4	5	5	5	4	4	4	4	4	4
12	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
13	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4
15	8	8	7	7	7	7	8	9	10	9	9	8	8	8	7	7	8	4	4	8	8	8	8	8	6
16	2	1	1	2	1	0	1	1	1	1	0	1	1	2	1	1	2	2	1	1	1	2	2	0	6
17	0	1	2	2	2	2	2	3	3	3	3	3	3	4	4	5	2	2	8	2	7	0	0	1	1
18	5	5	5	5	4	4	5	6	7	7	6	6	6	6	6	6	7	7	8	8	7	6	7	6	4
19	6	6	5	5	5	5	5	5	6	6	6	6	6	6	7	6	6	6	6	6	6	6	4	5	5
20	4	4	4	3	3	3	3	4	4	3	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4
21	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	5	6	8	3	2	2	2
23	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	4	4	4	4	5	4	4	4	3
25	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
26	6	6	5	5	5	5	5	8	9	8	6	6	8	9	10	10	11	10	8	8	8	9	9	8	8
27	8	8	7	7	6	5	5	5	4	4	4	4	3	3	4	5	5	4	3	3	3	3	4	4	5
28	4	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	2	2	3	3
29	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	3	2
30	3	2	2	2	2	2	2	3	4	3	3	2	3	3	3	3	4	4	4	4	3	3	3	2	3
31	2	2	1	1	1	0	0	1	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	5	4	4	4	4	4

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	4	4	2	2	2	3	2	3	3	4	4	3	3	3	3	3	3
2	2	2	2	2	2	2	2	3	4	6	5	4	5	8	11	14	14	13	12	9	7	6	5	5	6
3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	4	3
4	4	3	3	3	3	3	3	3	3	4	3	4	4	3	3	3	4	4	4	4	4	3	3	3	3
5	3	3	3	3	3	3	3	3	5	4	4	4	4	4	4	3	4	4	4	4	4	3	3	3	3
6	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	3	3	3	3	2
7	3	3	2	2	2	2	3	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	3
8	4	3	3	3	3	3	3	3	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4
9	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	4	4	5	4	4	4	4	4	4	4
10	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4
11	4	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	3	2	2
12	2	2	1	1	1	1	2	2	4	3	3	2	2	2	2	2	3	3	3	4	5	5	3	2	2
13	4	3	3	2	2	2	2	3	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	3
14	8	8	7	7	5	4	3	3	4	3	2	2	2	3	3	3	3	5	5	3	3	3	6	1	4
15	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	3	3	3	3	3	4
16	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	3	4	4	3	3	3	2	2	2
17	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	3	4	4	4	4	4
18	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1
19	2	1	2	1	1	2	2	2	2	3	3	3	3	3	4	4	4	5	4	4	3	3	3	3	3
20	4	3	3	3	3	3	3	4	5	5	5	5	5	4	6	5	5	5	5	5	4	3	2	2	4
21	2	3	3	2	2	2	3	4	3	3	4	4	4	5	5	5	6	10	7	7	7	5	6	6	5
22	5	5	4	4	4	4	4	5	5	5	5	4	4	3	3	3	4	3	3	4	4	4	4	4	4
23	4	3	3	3	3	3	4	5	7	7	5	5	6	5	4	4	5	4	4	4	4	4	4	4	4
24	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	5	5	5	5	5	6	6	5	5
25	5	5	5	5	5	4	4	5	5	5	4	4	4	3	3	3	4	5	4	5	5	5	5	5	4
26	4	4	4	3	3	3	3	4	5	5	4	4	4	5	5	6	6	6	6	5	5	5	5	5	5
27	5	5	4	3	3	3	3	4	5	5	4	3	3	3	3	4	4	5	4	6	6	6	6	5	4
28	5	5	5	4	4	4	4	6	10	8	7	6	6	6	5	6	5	4	3	3	2	2	2	2	5
MEAN	4	3	3	3	3	3	3	3	4	4	4	3	3	3	4	4	4	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - CARBON MONOXIDE												UNITS - PARTS PER MILLION												
	STATION - 67 COLLEGE ST TORONTO OAMST												MONTH MAR 73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	3	3	4	4	4	4	4	4	4	5	5	6	6	6	6	6	6	6	7	4
2	7	7	8	9	7	6	7	8	11	9	8	7	6	6	7	7	7	7	6	6	6	6	6	5	7
3	5	4	4	4	4	4	4	4	4	5	5	5	6	6	6	7	7	8	7	7	7	7	10	11	6
4	11	12	10	10	10	9	9	9	9	7	7	6	8	8	8	8	7	7	7	7	7	7	7	7	8
5	7	7	6	6	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
6	4	4	4	4	4	4	4	4	5	6	6	5	5	5	5	5	6	6	6	5	5	5	5	6	5
7	6	5	4	4	4	4	4	5	6	6	6	6	5	6	6	7	5	6	5	5	4	4	4	6	5
8	6	6	5	4	4	4	4	5	7	8	8	7	7	7	7	7	7	7	7	7	8	8	7	8	7
9	7	7	7	8	7	6	7	8	7	6	5	4	4	4	4	3	4	4	4	4	4	4	4	3	5
10	3	3	2	2	2	2	3	3	4	5	5	7	8	8	8	7	7	8	8	7	6	6	8	7	5
11	7	7	6	6	5	5	5	5	5	5	5	6	6	7	7	6	6	7	6	7	7	7	7	8	6
12	8	8	7	7	6	6	6	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
13	7	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	7	7	7	7	7	7	7
14	7	7	6	6	6	6	6	7	8	7	6	6	6	6	6	5	5	5	4	4	3	3	5	4	6
15	3	3	3	3	3	3	4	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
16	3	3	3	3	3	2	3	3	4	4	3	3	3	4	4	4	4	3	3	3	3	3	3	3	4
17	- DATA MISSING -																								
18	- DATA MISSING -																								
19	3	2	2	2	2	2	2	2	3	3	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3
20	3	2	2	2	2	2	2	2	3	3	2	2	3	3	3	4	5	5	4	4	4	4	4	4	3
21	4	4	3	3	3	3	3	4	4	4	3	3	3	3	4	4	4	4	4	3	3	4	3	3	3
22	3	3	2	3	3	3	3	3	4	3	3	3	3	4	4	4	5	3	3	3	5	4	4	4	3
23	4	3	4	4	4	4	4	4	6	7	5	6	6	6	5	5	7	5	3	3	4	4	5	6	5
24	4	5	4	4	4	4	4	7	6	4	4	4	4	5	3	3	3	3	3	4	3	3	4	6	4
25	8	8	8	8	3	2	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3
26	2	2	2	1	2	2	2	3	4	2	3	2	2	2	2	1	2	2	1	2	1	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	1	2	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	2	1	0
29	1	1	0	0	0	0	0	1	2	1	1	1	3	3	4	4	5	6	6	5	6	6	4	4	3
30	4	4	4	4	3	3	4	4	4	4	3	4	4	3	4	3	5	7	5	5	5	4	3	8	4
31	10	6	8	6	2	0	0	1	1	1	2	3	3	4	4	4	4	3	3	3	3	2	4	2	3
MEAN	5	5	4	4	4	3	4	4	5	5	4	4	4	5	5	5	5	5	5	5	5	4	5	5	4
PERCENTAGE OF DATA VALID												89													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS PER MILLION													
STATION - 67 COLLEGE ST TORONTO OAMST												MONTH APR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1
2	1	1	1	1	1	2	1	2	4	4	3	3	2	2	3	2	3	3	3	2	2	2	1	1	2
3	1	1	1	1	1	1	1	2	3	3	4	3	4	4	4	4	4	5	3	3	2	2	2	2	3
4	3	3	3	4	3	2	2	2	3	2	2	2	3	3	3	3	4	4	3	2	2	2	2	2	3
5	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	2	3	3	3	3	2	2
6	2	1	1	1	1	2	2	3	4	3	2	3	3	3	3	2	2	2	2	2	3	4	3	2	2
7	2	2	2	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	3	3	2	2	2
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
9	1	1	0	0	0	1	1	1	2	1	0	0	0	0	1	2	2	2	2	2	2	2	2	2	1
10	2	2	2	3	3	3	3	5	5	4	4	4	4	4	4	4	5	6	5	5	4	4	4	4	4
11	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	3	3	3	4	4	4	3
12	4	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	3	3
13	2	2	1	1	1	1	1	2	2	2	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2
14	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	4	3	2
15	2	2	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	4	5	2
16	6	5	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	5	4	3	3	3	3	3	4
17	3	2	2	2	2	3	3	3	2	2	2	2	3	3	4	4	4	5	5	5	5	5	5	5	3
18	5	5	6	6	5	6	6	8	9	7	5	6	5	4	4	4	4	5	7	6	7	5	6	6	6
19	8	7	6	5	4	4	4	6	6	5	4	4	4	4	4	4	4	4	4	5	4	4	3	5	5
20	3	3	2	2	2	2	2	1	1	1	2	2	2	2	2	2	3	2	3	3	3	3	4	3	2
21	3	2	2	3	4	4	4	4	4	3	3	3	4	4	5	5	5	3	4	3	3	3	3	4	4
22	4	6	3	3	3	3	2	3	3	3	3	4	3	3	3	3	3	3	3	3	4	3	3	3	3
23	2	2	2	2	2	2	2	3	4	4	3	3	2	2	3	3	3	4	3	3	4	4	4	4	3
24	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3
25	2	3	2	2	2	2	2	3	2	2	2	2	2	2	3	2	3	3	3	4	4	4	4	5	3
26	4	3	2	2	2	2	2	2	3	1	1	2	1	2	3	3	3	3	3	3	3	3	3	3	3
27	- DATA MISSING -																								
28	- DATA MISSING -																								
29	- DATA MISSING -																								
30	- DATA MISSING -																								
MEAN	3	3	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PERCENTAGE OF DATA VALID -				85																					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	5	3	4	4	4	4	5	5	5	5	6	5	5	5	5	4	5	4	3
2	3	3	3	3	3	3	5	3	4	4	4	4	4	4	4	4	3	3	3	2	3	3	2	2	3
3	1	0	0	0	0	1	2	3	6	6	6	5	4	4	3	4	3	2	2	2	1	1	1	1	3
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	2	1	1	1	1	1	2	1	1	2	3	3	3	3	3	4	4	2	2	2	2	2	2	2	3
13	2	2	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	1
14	1	1	1	1	1	1	2	3	5	5	4	4	4	3	2	2	2	1	1	2	1	1	1	1	2
15	2	2	2	1	1	1	1	3	3	3	3	3	3	3	3	2	2	1	2	1	1	1	1	1	2
16																									
17																									
18																									
19	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	3	3	4	5	7	4
20	4	6	5	4	3	3	2	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3
21	3	2	3	2	2	2	2	2	3	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3	2
22	2	2	2	2	2	2	2	3	5	6	4	4	5	5	4	4	5	5	4	5	7	7	5	4	4
23	7	4	2	2	2	2	3	3	6	4	5	6	5	5	5	6	6	5	4	4	5	5	5	4	5
24	4	4	4	3	3	3	3	5	6	6	6	6	5	6	6	5	6	5	5	5	5	5	5	4	5
25	4	4	3	3	3	3	4	6	7	7	7	7	7	7	8	8	7	8	7	6	6	6	5	5	6
26	5	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27	6	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
28	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29																									
30	2	1	0	0	0	1	2	5	5	3	3	4	4	4	4	5	4	3	3	4	4	6	5	2	3
31	4	3	2	1	2	3	5	6	4	3	3	3	3	4	4	4	3	3	2	2	2	2	3	3	3
MEAN	3	3	2	2	2	3	3	4	4	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	4	4	5	4	4	3	3	3	3	3	3	3	3	3	3	2	2	2	3
2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	3	3	3	2
3	3	3	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2
4	4	3	3	1	2	2	6	7	5	5	5	3	3	4	4	5	3	2	3	5	5	5	4	4	4
5	4	3	3	2	2	2	4	5	4	4	5	4	4	5	4	4	5	4	4	4	3	3	3	3	4
6	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4
7	3	3	2	2	2	2	3	5	4	4	5	5	5	4	5	5	5	4	4	4	4	3	3	3	4
8	3	3	2	2	2	2	4	6	6	6	6	6	6	6	6	6	6	5	4	4	4	3	3	3	4
9	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3
10																									
11																									
12																									
13	4	3	2	2	2	3	4	6	5	5	5	5	5	5	5	5	5	5	6	5	4	3	4	4	4
14	3	3	2	2	1	2	3	4	4	3	3	4	4	4	4	5	4	4	4	4	4	5	6	5	4
15	3	3	3	3	2	3	6	7	6	4	4	4	4	4	5	4	4	4	4	4	4	4	4	2	4
16	4	2	2	2	1	2	3	4	4	5	8	10	8	6	5	4	4	4	3	3	3	3	3	3	4
17	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	3	4	6	6	7	6	6	6	6	6	6	6	5	4	4	4	4	4	4	4
19	3	3	2	2	2	3	4	5	5	5	6	6	6	7	7	6	6	5	5	4	4	4	4	5	5
20	5	4	4	4	4	4	6	7	7	8	8	8	7	7	7	7	7	6	5	6	5	5	4	4	6
21	4	3	4	4	5	7	8	8	8	8	8	7	7	7	6	7	7	6	6	7	9	11	9	9	7
22	9	14	12	12	8	12	11	9	8	7	7	7	7	7	6	6	6	5	5	5	6	7	6	5	8
23	6	6	5	5	5	5	4	5	5	5	5	4	5	5	5	5	4	4	5	5	5	6	7	6	5
24	9	5	4	4	3	3	4	4	3	5	4	4	4	4	4	4	3	4	4	4	4	5	5	5	4
25	4	5	4	3	3	4	6	9	7	6	6	6	6	4	4	4	3	2	3	3	3	3	3	3	4
26	2	2	2	2	1	2	4	5	5	5	5	5	5	6	6	6	4	4	4	4	4	4	4	4	4
27	2	2	2	2	2	2	3	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4
28	3	1	1	1	2	2	3	5	5	5	5	5	5	5	5	5	6	6	6	5	4	3	2	2	4
29	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3
30	3	2	3	4	4	3	4	5	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3
MEAN	4	3	3	3	3	3	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 90

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2
2	2	4	4	4	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	4	4	4	3	3	3
3	2	2	2	1	2	3	3	6	6	5	5	4	4	4	4	4	4	4	3	4	4	3	4	4	4
4	4	4	4	4	4	5	7	4	5	3	5	5	5	5	4	4	4	3	3	3	3	3	3	3	5
5	2	2	2	1	1	2	2	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
6	2	2	2	2	2	2	5	6	6	5	5	5	5	5	5	5	5	5	5	3	3	3	3	3	3
7	4	4	3	3	3	2	5	5	3	3	3	3	3	5	5	5	5	5	2	3	3	3	3	3	3
8	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
9	2	2	2	1	2	2	2	2	4	4	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3
10	2	2	2	2	2	2	4	7	6	6	6	5	5	5	5	5	4	3	3	3	2	2	2	2	3
11	2	2	2	2	2	2	3	4	4	4	4	4	4	4	3	3	3	2	2	2	3	2	2	2	4
12	1	1	1	0	1	1	3	4	7	6	3	3	6	6	6	4	4	3	3	3	3	3	3	3	3
13	2	2	2	2	2	2	3	6	4	3	3	3	6	6	5	5	5	4	5	5	5	4	4	4	5
14	2	2	2	2	2	2	3	3	3	2	2	2	3	3	2	2	2	3	3	3	3	3	4	4	3
15	3	3	3	4	4	4	4	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
16	2	2	2	1	1	2	4	6	9	5	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4
17	3	3	2	2	2	2	4	7	6	5	4	4	4	4	4	4	4	4	4	5	5	5	6	5	4
18	7	6	5	5	3	4	6	8	4	5	4	4	4	4	4	5	4	4	4	4	4	4	5	4	5
19	3	4	4	4	6	6	6	9	5	6	6	5	5	5	5	5	4	4	4	4	4	4	6	4	5
20	4	4	3	3	3	4	6	7	7	5	5	5	5	6	5	5	6	5	4	5	5	4	4	4	5
21	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3	5	7	5	3
22	4	3	3	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	3	4	6	4	5	3
23	3	3	1	2	2	2	4	6	5	4	4	4	4	5	4	4	4	3	3	3	4	3	3	4	3
24	4	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	3	4	4	4
25	4	3	3	3	3	3	6	6	6	6	6	7	7	7	8	7	7	6	6	6	5	6	5	3	5
26	3	4	3	3	3	3	4	5	6	6	6	5	5	5	5	5	4	4	4	3	3	3	3	3	4
27	3	3	2	2	2	3	4	5	4	4	4	4	4	4	4	5	5	3	3	4	3	3	3	3	4
28	3	3	2	2	2	2	2	3	3	3	3	3	3	2	3	4	3	2	2	3	3	3	3	3	2
29	2	2	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	4	3	3	2
30	2	2	3	2	2	4	5	3	5	5	5	5	4	5	5	5	4	3	4	4	3	4	4	3	4
31	3	3	2	2	2	3	6	5	5	5	6	6	7	6	6	6	6	5	4	5	5	4	5	4	5
MEAN	3	3	2	2	2	3	4	5	5	4	4	4	4	4	4	4	4	3	3	3	4	3	4	3	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 73

[illegible]

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	4	4	4	4	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	7	8	8	4
3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	2	2	1	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
8	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	1	3	5	6	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	2	3
11	2	2	2	2	2	2	4	5	4	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	3
12	1	1	0	0	0	1	3	5	4	4	4	4	4	4	4	4	3	2	2	2	2	2	2	2	3
13	2	2	1	2	2	2	4	6	6	4	4	4	4	4	4	4	4	3	3	3	3	2	2	2	3
14	2	1	1	1	1	1	2	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	5	4	3
15	3	2	2	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	2	2	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	1
17	1	1	1	0	1	1	3	6	4	3	3	3	3	4	3	4	4	3	2	2	2	2	2	2	3
18	2	1	1	1	1	1	2	3	3	4	3	3	3	3	3	4	3	3	3	3	4	4	5	4	3
19	3	2	2	1	2	2	3	4	4	4	4	5	4	4	4	4	3	3	3	2	2	3	2	2	3
20	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	4	3	2	2	2	3	2	3	2	2
21	2	2	1	1	1	2	4	5	5	6	3	3	3	3	4	3	3	2	3	3	2	2	2	2	3
22	2	2	2	2	2	1	3	3	3	2	3	3	4	4	5	4	4	3	3	5	5	4	3	3	3
23	4	4	4	3	3	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3	2	3	3	2	3
24	2	2	2	2	2	2	4	5	5	4	4	4	4	4	5	5	4	3	3	3	3	2	2	2	3
25	4	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	2	2	2	1	1	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	4	4
29	3	4	2	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	4	3	2
MEAN	2	2	2	2	2	2	3	4	4	4	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	4	5	4	4	4	4	4	5	5	5	5	4	4	5	5	4	3	3	4
2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	5	5	4	3	3	2	4	8	9	8	6	5	5	5	5	5	4	5	5	4	4	3	6	7	4
11	2	2	1	1	1	2	3	5	4	3	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4
12	5	4	4	5	3	3	4	5	5	5	5	5	6	6	6	6	7	5	6	8	4	4	4	4	4
13	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
14	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3
15	1	1	1	1	1	2	4	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3	2	2	3
16	1	1	1	0	0	1	2	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	1	1	2
17	1	1	1	1	1	1	3	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	2	1	1	1	1	1	2	4	4	4	3	2	3	3	3	4	4	3	3	3	3	3	2	2	3
19	2	1	1	1	1	1	4	9	5	5	3	3	3	3	4	5	6	5	3	3	4	3	3	3	4
20	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	3	2	2
21	3	2	2	3	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	1	2	2	3	4	2
22	8	8	6	5	6	11	15	15	9	6	5	5	5	5	6	7	7	6	5	5	4	8	9	10	7
23	10	9	5	4	5	8	8	8	6	6	6	6	6	6	6	6	6	5	5	4	5	7	9	9	6
24	6	12	10	8	5	5	10	18	11	6	9	9	8	6	6	6	8	5	5	4	4	4	3	4	7
25	5	4	4	5	5	8	8	8	9	8	5	5	6	6	5	6	6	5	6	6	6	4	3	2	6
26	3	2	2	2	2	2	5	8	5	5	5	5	5	4	4	3	3	2	2	1	1	1	0	1	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1
29	1	1	1	1	1	1	2	2	3	3	3	3	4	4	4	5	5	3	3	2	2	2	2	1	2
30	2	2	1	1	1	1	2	3	4	5	4	4	4	4	4	5	6	5	3	3	4	4	3	2	3
31	1	1	1	1	2	1	1	2	3	3	3	3	3	3	3	3	4	4	2	2	2	2	1	1	2
MEAN	3	3	2	2	2	2	4	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
2	1	1	1	1	1	1	1	1	2	3	3	2	2	3	3	2	4	4	3	2	2	2	2	2	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
5	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2
6	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
7	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	2	3
8	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
9	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
10	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	1	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	1	1	1	1	0
13	1	0	0	0	0	0	1	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	1	2	2
14	1	1	1	1	1	1	1	2	3	2	2	2	2	3	3	3	3	3	3	3	4	3	2	4	3
15	3	2	1	1	0	0	0	1	3	3	3	3	2	2	3	2	3	2	2	2	1	1	1	0	1
16	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0
19	0	0	0	0	0	0	0	2	3	3	2	2	2	3	3	3	4	4	3	3	3	2	4	3	2
20	4	3	3	2	1	1	1	2	3	4	2	2	2	2	2	2	2	2	1	1	1	1	0	0	2
21	0	0	0	0	0	0	0	2	2	3	3	3	3	3	3	4	4	5	4	3	2	2	1	1	2
22	1	1	1	1	0	0	1	2	3	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	2
23	1	1	1	1	1	1	1	3	4	4	4	4	3	3	4	4	6	5	5	4	4	4	5	4	3
24	3	3	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	3	2	2	3
25	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	1	1	1	1	1	1	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	2	3
27	2	2	2	2	2	2	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	7	6	6	4	3	2	3	4	6	5	5	5	4	4	4	4	4	4	3	3	2	2	2	2	4
29	2	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	2
30	1	1	1	1	0	1	1	2	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	1	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	0	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	2	2	1
2	2	2	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	2	1
3	2	2	1	1	1	1	1	2	4	4	4	3	3	4	4	4	4	4	3	3	3	2	2	2	3
4	2	1	1	1	1	1	1	3	4	5	4	4	4	5	5	5	4	3	3	3	3	2	2	2	3
5	1	1	1	1	1	1	2	3	5	5	7	6	4	5	5	3	3	3	3	3	2	2	1	1	3
6	1	1	0	0	1	0	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	2
7	1	0	0	0	0	0	0	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	1	1	1	2	2	1	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	1	2	3	3	3	3	4	3	3	3	3	3	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	2	3	3	2	2	2	3	3	3	3	3	2	2	2	2	1	1	2
12	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
13	2	2	1	1	1	1	1	1	4	4	3	3	3	3	3	4	4	4	3	3	4	2	2	2	3
14	2	2	1	1	1	1	1	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
15	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	1	1	1	1	1	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2
17	2	1	1	1	1	1	2	3	4	4	4	4	4	4	4	4	4	3	3	3	3	2	2	2	3
18	2	2	1	1	1	1	1	3	4	4	4	3	3	4	4	6	6	5	5	5	5	5	4	4	3
19	6	5	3	2	2	2	2	3	6	5	5	5	5	4	4	4	5	5	4	4	3	3	3	3	4
20	3	2	2	2	2	2	2	3	5	5	5	5	5	5	5	5	5	4	3	3	2	2	2	2	3
21	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
22	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	1	1	2
23	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1
24	2	1	1	1	1	1	1	2	3	3	4	4	4	4	4	4	4	3	3	3	3	2	2	2	3
25	2	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
27	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
28	2	2	2	2	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
29	2	2	2	2	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	2	1	1	2	2	3	2	2	3	3	3	3	3	3	3	3	2	3	3	2	2
MEAN	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	8	11
FEB	28	4	6	14
MAR	29	4	8	12
APR	26	3	6	9
MAY	25	3	6	10
JUN	28	4	8	14
JUL	31	3	5	9
AUG	31	4	7	12
SEP	30	3	5	9
OCT	31	3	7	18
NOV	30	2	6	14
DEC	31	2	4	7
YEAR	351	3	8	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	47	233	417	12	0	0	709
FEB	39	328	288	7	2	0	664
MAR	64	182	404	15	0	0	665
APR	88	370	154	1	0	0	613
MAY	84	224	205	2	0	0	515
JUN	47	249	344	13	1	0	654
JUL	29	382	331	2	0	0	744
AUG	3	260	462	18	0	0	743
SEP	100	386	221	1	0	0	708
OCT	125	330	269	18	2	0	744
NOV	308	312	80	1	1	0	702
DEC	221	425	95	0	0	0	741
YEAR	1155	3681	3270	90	6	0	8202

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93	0	0.7	1.7	2.6	3.6	5.3	6.2	7.4	8.3	18	3.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	4	5	5	5	3
2	5	5	4	3	3	3	3	4	4	4	3	4	4	5	5	4	4	4	4	3	3	3	3	2	4
3	2	2	2	2	3	3	9	7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
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30																									
31																									
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	1	2	3	5	3	2	2	2	4	2	3	3	3	2	2	2	2	3	3	2
2	3	3	3	3	2	2	3	3	4	4	4	4	5	5	5	11	12	15	12	9	5	3	3	4	5
3	4	4	3	3	3	3	3	2	4	4	2	3	3	3	3	3	6	6	6	6	5	4	4	3	4
4	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	3	3	2
5	3	3	3	3	3	3	3	2	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3
6	2	2	2	2	1	1	3	4	3	3	2	3	4	5	5	5	5	3	2	4	3	3	3	4	3
7	4	4	4	3	3	2	3	4	4	4	4	3	2	1	2	2	3	4	2	3	2	3	3	2	3
8	1	1	1	1	1	1	1	3	3	3	2	2	2	2	2	2	4	4	4	3	3	3	2	3	2
9	2	1	1	1	1	1	5	9	8	5	4	2	3	2	2	2	3	3	3	2	2	2	2	2	3
10	2	1	2	1	1	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	2	3	2
11	3	2	1	1	0	0	0	1	1	1	1	1	1	2	2	4	4	6	6	5	4	5	3	2	2
12	2	2	1	2	1	1	4	5	5	4	3	3	2	2	3	3	3	3	6	5	3	3	3	3	3
13	2	2	2	2	2	2	6	11	8	5	3	3	3	3	2	2	4	4	4	4	7	10	8	7	5
14	5	4	4	3	3	3	5	7	6	5	2	1	2	2	2	2	3	3	3	2	1	1	2	4	3
15	5	2	1	1	2	2	2	4	5	5	4	4	4	4	4	4	4	4	3	2	1	1	1	1	3
16	0	0	0	0	0	0	0	1	2	1	1	1	2	4	4	3	4	4	4	4	3	2	3	3	2
17	3	4	3	3	2	1	2	3	3	4	4	4	4	4	4	3	4	3	4	4	5	6	4	4	4
18	4	4	4	4	4	3	3	3	3	3	2	2	2	1	1	1	2	2	3	4	5	5	4	3	3
19	4	4	3	3	3	3	3	2	3	3	2	2	2	2	3	4	4	4	4	4	3	2	2	3	3
20	2	2	2	0	0	0	0	1	2	4	3	2	2	2	2	4	4	5	6	6	3	3	3	3	3
21	3	3	2	2	2	2	2	2	4	6	4	2	2	2	2	2	4	3	6	5	3	1	1	1	3
22	1	0	0	0	1	1	1	2	4	4	3	3	3	3	3	4	4	6	6	5	5	4	6	4	3
23	4	2	2	2	2	2	2	6	8	7	5	5	4	4	5	4	4	3	3	2	2	2	2	2	4
24	1	1	1	1	1	1	2	2	3	3	4	3	2	3	3	3	3	3	3	3	3	3	3	3	2
25	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	3	3	2	2	2	2	4
26	1	2	3	4	3	3	6	8	7	3	3	3	3	3	3	4	5	5	4	4	3	2	3	1	4
27	0	0	1	2	1	1	4	4	4	4	3	3	3	2	2	2	3	4	4	4	4	4	4	4	3
28	2	2	1	1	1	2	5	10	11	8	7	4	2	3	3	3	3	3	3	4	4	4	4	5	4
MEAN	3	2	2	2	2	2	3	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION																
STATION - PHARMACY AND 401 TORONTO										NO 33002																
MONTH MAR 73																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	3	3	3	4	4	4	5	5	5	5	5	4	3	3	****	2	2	2	2	3	4	5	4	4	
2	3	4	5	5	2	2	5	8	5	3	2	2	2	2	2	2	2	1	1	1	1	0	0	0	3	
3	0	0	0	0	0	0	0	1	1	1	1	2	1	1	2	1	2	2	1	1	1	1	1	1	1	
4	4	6	7	8	5	3	3	3	3	3	3	2	3	3	3	3	3	3	2	2	2	3	3	2	3	
5	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1		
6	1	1	0	0	0	0	1	2	3	2	1	1	1	1	1	1	2	3	3	3	1	1	1	2	1	
7	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	2	4	3	2	1	1	2	1	2	2	4	4	3	3	3	4	5	7	2	
9	5	3	3	1	1	2	5	6	3	0	0	0	0	0	1	1	1	0	1	2	1	2	1	1	2	
10	1	1	1	0	1	1	1	2	3	1	2	2	2	2	2	2	3	3	2	1	1	1	1	1	2	
11	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	2	4	4	1	1	
12	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	5	4	3	2	2	2	2	2	2	
13	2	2	2	2	2	2	3	5	5	3	3	1	1	1	2	2	2	2	2	2	2	4	4	4	2	
14	3	2	2	1	1	1	2	2	2	4	2	2	2	1	1	2	1	1	1	1	0	0	0	0	1	
15	0	0	0	0	0	0	1	2	2	2	2	2	2	1	1	2	3	3	3	2	2	3	3	2	2	
16	2	2	2	2	2	2	4	6	6	4	3	3	4	3	4	4	7	4	3	4	3	2	2	2	3	
17	2	2	2	1	1	1	2	2	2	2	2	2	4	5	3	2	2	2	2	2	1	1	1	1	2	
18	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0	
19	0	0	0	0	0	0	0	2	3	2	2	3	3	2	3	3	3	3	2	1	1	1	2	2	1	
20	2	1	1	1	0	1	2	3	3	2	3	3	2	2	2	3	5	4	4	3	2	3	3	3	2	
21	2	3	3	3	2	3	4	5	4	3	3	3	2	2	2	3	3	4	4	4	3	2	2	2	3	
22	2	1	1	2	1	2	4	5	4	3	3	3	2	2	2	2	3	5	4	3	3	4	3	2	3	
23	2	2	2	1	0	0	2	5	3	3	3	3	2	2	2	3	5	5	3	4	5	5	4	3	3	
24	3	2	2	1	1	1	2	2	2	2	1	2	2	2	1	1	1	2	2	3	4	5	6	5	2	
25	4	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	3	2	2	2	2	2	2	
26	1	1	0	0	0	0	2	4	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	
27	1	1	1	0	0	1	3	4	3	2	1	1	0	1	1	1	1	1	1	2	2	2	2	1	2	
28	2	2	1	1	2	1	1	1	1	0	0	0	0	1	2	2	1	2	2	1	3	5	3	3	1	
29	3	3	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	3	4	2	1	1	1	2	
30	1	1	1	1	0	0	1	2	4	2	1	1	1	1	1	2	3	3	2	3	2	2	2	2	2	
31	4	4	3	1	1	1	1	2	3	3	3	2	2	3	3	3	3	2	2	1	1	0	0	0	2	
MEAN	2	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	
PERCENTAGE OF DATA VALID -		99																								

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE											UNITS - PARTS PER MILLION														
STATION - PHARMACY AND 401 TORONTO											NO 33002											MONTH APR 73			
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0																			
2																									
3	2	1	0	0	0	0	3	6	5	4	2	2	2	2	2	3	3	4	3	2	2	2	1	1	2
4	2	2	1	0	2	2	1	3	4	4	3	2	3	3	2	3	4	4	2	1	1	1	1	1	2
5	1	0	0	0	0	0	2	3	3	3	2	2	2	2	2	3	4	3	3	2	1	1	1	1	2
6	0	0	0	0	0	0	0	2	3	3	2	2	1	2	3	3	4	6	5	3	4	5	6	4	3
7	3	2	1	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
8	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	0	1	2	1	1	1
9	0	0	0	0	0	0	1	2	1	0	0	0	1	0	1	1	1	1	1	1	1	1	2	1	1
10	0	0	0	0	0	0	0	2	2	1	1	1	0	2	0	0	0	1	0	1	0	0	0	0	0
11	0	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	3	2	1	2	1	2	1	2	1
12	0	0	0	0	0	0	2	4	3	1	0	1	1	2	2	1	2	1	1	1	2	1	2	1	1
13	1	1	0	0	0	0	2	3	2	1	1	1	1	1	1	2	2	2	2	1	0	1	1	1	1
14	1	1	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
15																									
16																	1	0	1	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	
18																									
19																1	2	2	1	1	1	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	1	1	1	1	2	2	1	2	3	3	3	3	3	2	2	2	2	2	2
22	3	3	3	4	4	3	4	4	4	4	4	4	2	3	3	3	2	2	3	3	3	3	3	4	3
23	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	4	3
24	3	3	3	3	3	3	4	5	5	4	3	3	4	4	4	4	5	5	4	5	5	3	3	3	4
25	1	0	0	0	0	1	3	1	0	0	0	0		0	0	0	0	0	0	0	3	3	3	3	1
26	2	0	0	0	0	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27																2	2								
28																	3	4	2	1	0				
29																									
30																									
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1

PERCENTAGE OF DATA VALID - 71</

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
2	3	2	0	0	0	1	3	2	1	1	1	1	0	0	0	0	1	1	0	0	0	1	2	3	***
3	1	1	0	0	0	1	2	2	1	1	1	1	1	2	1	1	1	2	1	1	0	0	0	0	1
4	0	0	0	0	0	1	3	3	2	1	1	1	2	2	2	3	3	3	2	1	1	1	1	2	1
5	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	1	2	2	1
6	2	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	2	2	2	2	1
7	1	1	1	1	1	1	1	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***
9	1	1	1	1	1	1	1	2	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***
10	1	1	1	1	1	1	1	2	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	1	1	0	0	0	0	1	0	1	1	2	1	2	1	2	4	4	3	1	2	1	1	1	1	***
13	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	1
14	1	1	1	1	1	3	4	5	3	2	0	1	1	1	1	1	1	1	1	1	3	3	3	3	2
15	3	1	1	1	1	3	4	6	3	3	3	0	0	0	1	2	1	1	1	1	1	1	1	1	2
16	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
17	0	0	0	0	0	1	3	5	4	2	2	2	2	3	2	2	2	3	3	3	3	2	2	1	2
18	1	1	1	0	0	1	3	5	4	2	2	3	3	3	3	4	2	2	2	2	3	1	1	1	2
19	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1
20	2	3	3	3	2	2	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	2	1
21	2	1	1	1	1	0	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	3	2	1
22	1	0	1	1	1	1	3	5	5	3	2	3	3	0	0	1	0	0	1	1	2	4	3	3	2
23	2	1	0	1	0	1	3	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	1
24	2	2	2	1	1	1	2	5	6	5	2	1	1	1	1	1	1	1	0	1	1	1	1	1	2
25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	1	0	0
27	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	2	2	1	1	0	2	3	0	0	1	1	2	3	3	3	2	1
29	2	2	1	1	0	0	0	1	1	1	1	2	1	2	3	3	3	4	4	2	2	2	2	2	2
30	4	1	1	1	1	1	1	3	6	7	4	1	1	1	1	1	1	1	1	2	3	3	2	1	2
31	1	2	1	1	1	2	5	5	3	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1
MEAN	1	1	1	1	0	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	2	2	3	2	1	2	2	2	3	4	5	5	4	3	3	2	2	3	3	2
2	2	2	1	1	2	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	4	4	2
3	3	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1
4	0	0	0	0	0	0	2	1	1	1	1	0	0	0	0	1	1	1	2	5	3	3	2	1	1
5	1	1	1	0	0	1	2	3	2	1	1	1	1	1	2	1	2	2	3	2	2	1	1	2	1
6	2	1	1	1	2	2	3	3	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1
8	1	1	0	0	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	0
10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
11	0	0	0	0	0	0	2	2	0	0	0	1	1	0	0	1	3	2	1	1	1	0	1	1	1
12	1	1	1	1	1	3	5	4	4	3	4	2	3	4	2	4	3	2	2	2	2	2	2	2	3
13	1	1	1	1	1	3	5	4	2	2	2	2	1	1	1	2	2	1	1	2	3	2	1	1	2
14	1	0	0	0	1	3	4	2	1	0	1	1	0	1	2	2	2	2	2	2	3	3	4	3	2
15	2	1	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	3	3	2	2	2	2	2	3	2	2
17	2	1	1	1	1	2	2	2	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1
18	1	1	1	1	1	1	1	1	5	6	6	4	4	3	1	1	1	1	1	0	0	0	0	0	2
19	0	0	1	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	1	1	2	2	3	3	3	2
22	5	5	5	5	4	4	4	4	4	8	6	6	6	6	6	1	4	3	4	4	4	3	2	5	4
23	3	2	2	2	2	3	3	4	3	3	3	2	1	2	1	2	1	1	***	***	***	***	***	***	2
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	4	4	3	3	3	3	3	5	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2
30	1	1	1	1	2	3	4	4	1	1	1	1	1	0	0	0	1	0	0	1	1	1	1	2	1
MEAN	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 82

UNITS - PARTS PER MILLION

MONTH JUL 73

PERCENTAGE OF DATA VALID - 98

UNITS - PARTS PER MILLION

MONTH AUG 73

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
2	4	3	2	2	2	2	3	3	3	3	3	3	2	2	2	3	2	2	2	2	4	5	7	5	3
3	5	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	3	3	4	4	4	7	7	5	4	3	3	3	2	2	1	2	2	1	1	1	1	1	1	1	3
6	1	1	1	1	2	2	3	2	3	3	2	3	4	4	3	4	5	4	4	3	3	2	2	2	3
7	2	1	1	1	1	2	3	4	3	2	2	2	3	3	4	4	4	3	4	4	3	2	2	1	3
8	2	2	1	1	1	2	3	3	3	2	2	1	1	2	2	2	2	2	1	1	1	1	2	2	2
9	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	0	0	0	0	0	1
10	- DATA MISSING -																								
11	- DATA MISSING -																								
12	2	2	2	1	1	2	4	9	11	4	2	0	3	3	3	2	4	2	2	2	3	3	3	2	3
13	2	2	2	2	3	8	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	3	8	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	- DATA MISSING -																								
16	- DATA MISSING -																								
17	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1
18	0	0	0	0	2	3	5	6	4	3	3	2	2	2	2	2	5	5	4	5	6	7	7	7	3
19	2	2	2	2	2	3	5	5	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
20	2	2	2	2	2	3	5	5	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
21	3	2	2	2	2	5	12	13	7	2	2	3	2	1	1	1	1	1	2	3	2	1	1	1	3
22	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	4	3	3	3	2
23	4	3	2	1	1	2	2	2	2	2	1	1	2	3	3	3	3	3	4	4	4	5	4	3	3
24	3	2	1	1	2	4	7	6	5	4	3	2	2	2	1	1	0	0	1	1	1	2	1	1	2
25	1	1	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	2
26	1	1	1	1	2	2	3	3	2	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	2
27	2	2	2	2	3	4	4	4	3	3	3	3	4	3	4	5	5	6	5	4	4	4	4	4	4
28	3	3	3	3	4	6	10	9	7	4	3	3	2	2	2	3	3	3	4	4	5	6	6	5	4
29	4	3	2	2	1	3	4	5	4	3	3	3	3	3	3	3	3	3	4	4	3	3	3	4	3
30	4	3	1	2	1	1	2	2	1	0	0	0	0	0	0	0	1	1	2	6	7	7	4	2	2
MEAN	2	2	2	2	2	3	4	4	4	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	4	7	5	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1
2	0	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	3	4	3	3	1
3	2	2	1	1	1	2	3	6	3	2	1	1	1	1	2	3	3	1	2	4	3	4	3	3	2
4	2	1	1	1	2	4	4	6	6	4	4	1	1	2	2	2	2	2	2	1	2	2	2	2	2
5	2	1	1	1	1	3	5	5	4	2	2	2	2	2	6	7	6	6	5	3	2	3	1	1	3
6	2	1	1	2	2	4	5	5	3	2	1	1	1	1	1	1	1	2	2	3	3	4	3	3	2
7	3	2	2	1	1	2	3	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2
8	1	1	2	0	1	1	2	2	1	1	1	1	1	1	1	1	1	2	5	3	2	4	4	3	2
9	2	2	2	2	3	7	9	8	3	2	2	2	2	1	1	1	1	3	4	7	9	6	4	4	4
10	3	3	2	2	3	8	11	12	7	2	2	1	1	1	1	1	1	1	2	2	2	1	2	1	3
11	2	2	2	1	2	6	8	7	3	2	2	1	1	1	1	2	2	1	2	2	2	4	3	3	3
12	2	2	2	2	2	3	4	5	4	3	2	1	1	2	2	2	3	3	4	6	5	4	4	3	3
13	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1
15	1	0	0	0	1	3	7	7	4	3	1	2	2	2	3	4	3	3	2	0	1	1	1	0	2
16	0	0	0	0	0	2	4	4	1	1	1	1	1	1	1	3	3	2	1	0	0	0	0	0	1
17	0	0	0	0	0	1	6	6	2	1	1	1	1	3	4	5	7	4	5	3	2	3	2	2	2
18	2	2	2	2	2	2	3	7	6	4	4	4	4	4	4	6	6	5	5	5	5	4	3	3	4
19	3	3	2	2	2	6	11	15	7	6	3	3	1	0	0	3	4	4	2	1	0	0	0	2	3
20	2	2	2	1	0	1	2	3	3	3	3	3	1	2	2	2	2	2	2	2	2	1	2	2	2
21	1	2	1	1	1	2	2	3	1	1	0	1	0	0	0	0	1	2	3	3	5	10	8	4	2
22	3	3	4	3	3	6	13	19	10	9	8	4	3	2	1	1	2	4	4	6	5	9	11	8	6
23	3	3	3	4	4	5	13	19	11	10	8	6	3	4	4	4	5	6	5	5	9	10	10	7	7
24	7	5	5	5	5	5	18	23	20	9	8	5	3	3	3	4	4	5	5	5	5	6	5	5	7
25	3	4	3	3	3	6	8	9	8	2	2	2	2	2	2	2	3	4	9	10	7	6	2	2	5
26	2	2	2	2	2	3	6	10	6	6	6	6	5	5	6	8	7	6	5	4	4	3	4	3	5
27	3	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4
28	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	1	1	1	1	2
29	1	1	1	1	1	1	1	2	4	2	2	4	3	3	3	5	6	6	4	4	3	3	2	2	3
30	2	2	2	1	1	1	1	4	4	4	4	4	4	5	6	7	8	8	7	6	5	6	4	3	4
31	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	3	3	2	2	2	3	3
MEAN	2	2	2	1	2	3	5	7	4	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE		UNITS - PARTS PER MILLION																							
STATION - PHARMACY AND 401 TORONTO		NO 33002																							
MONTH NOV 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	1	2	3	3	2	2	2	3	4	3	3	3	2	2	2	1	1	2	2
2	1	2	2	1	0	0	1	2	3	3	2	2	2	3	4	3	3	10	5	4	4	3	2	2	3
3	2	2	1	1	1	1	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	1	1	2	2
4	1	1	1	1	0	0	0	0	1	1	1	1	2	2	2	2	3	3	2	2	1	1	1	1	1
5	0	0	0	0	0	0	0	3	7	6	3	2	2	2	2	3	5	6	3	3	2	2	2	2	2
6	1	0	0	0	0	0	2	3	3	2	2	2	2	2	2	5	5	4	2	3	3	3	3	3	2
7	3	2	2	3	2	3	5	5	5	4	4	4	4	3	3	5	6	4	5	6	8	6	5	4	4
8	2	3	3	3	4	4	3	3	3	3	3	3	4	4	5	7	6	5	5	4	4	4	4	4	4
9	3	3	3	3	4	4	7	10	9	6	5	5	5	5	3	6	7	6	4	4	3	3	3	3	5
10	3	2	2	2	1	2	1	1	4	4	3	3	3	3	3	4	4	4	3	3	2	2	2	2	3
11	1	2	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	3	3	2	1	2	2	3	3	3	3	2	2	2	2	2
13	1	1	1	1	1	1	2	3	4	3	2	2	2	2	3	3	5	2	2	2	2	2	1	2	2
14	1	1	2	1	1	1	4	6	4	2	1	1	1	1	2	5	5	5	4	6	6	10	12	8	4
15	4	4	3	2	1	2	3	7	5	4	2	1	1	2	5	5	7	6	4	3	2	2	2	2	3
16	2	1	1	1	1	1	3	5	5	4	4	4	4	4	4	6	8	5	4	4	3	3	2	2	4
17	3	3	2	1	1	1	1	2	3	3	2	3	3	4	3	3	3	3	3	3	3	2	2	3	2
18	4	4	4	3	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	2	4	3	4	4	3
19	3	3	3	3	3	3	3	7	9	6	5	3	3	4	6	7	8	7	6	11	10	8	11	10	6
20	7	6	5	4	3	4	7	7	6	4	4	2	3	3	2	2	1	1	0	0	0	0	2	1	3
21	0	0	1	1	0	1	1	2	2	1	1	1	1	1	1	2	2	2	3	1	1	1	1	1	1
22	1	1	4	0	0	0	1	2	2	2	1	1	1	1	1	2	3	5	7	10	7	4	4	4	3
23	3	4	2	2	1	1	2	5	6	5	5	5	4	4	6	6	6	8	7	5	4	3	2	3	4
24	3	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
25	1	1	2	2	1	1	1	3	6	5	1	1	1	1	2	2	4	4	4	5	3	4	3	3	3
26	1	1	1	1	1	1	1	3	6	5	1	1	1	1	2	2	4	4	4	1	1	1	1	1	2
27	1	1	1	1	1	1	1	2	2	1	2	3	2	6	5	11	12	10	8	12	13	10	8	5	5
28	7	4	2	1	1	1	5	8	8	6	4	3	4	3	6	5	9	5	4	3	2	2	2	2	4
29	2	1	1	1	1	1	1	4	5	3	3	3	2	2	3	4	4	4	2	1	1	1	1	2	2
30	1	1	0	0	0	0	1	1	3	2	1	1	1	2	3	4	6	6	4	3	2	2	1	2	2
MEAN	2	2	2	2	1	1	2	4	4	3	3	2	2	3	3	4	5	5	4	4	3	3	3	3	3
PERCENTAGE OF DATA VALID -	99																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION															
STATION - PHARMACY AND 401 TORONTO										NO 33002															
MONTH DEC 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	1	3	3	2	2	2	2	0	2	2	2	2	2	4	4	4	4	5	2
2	3	3	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	4	1
3	2	3	2	2	1	1	2	2	3	3	2	1	1	1	1	1	2	2	2	1	1	1	1	1	2
4	1	1	1	1	1	1	3	7	7	4	4	4	4	5	5	5	3	2	1	0	0	0	0	2	2
5	1	0	0	1	0	0	0	1	2	2	3	3	3	3	1	2	2	3	2	2	1	1	1	1	1
6	1	1	1	1	0	0	0	1	1	2	1	1	2	2	2	2	2	2	1	2	1	1	1	1	1
7	0	0	0	0	0	1	4	7	5	3	3	3	3	3	3	6	3	5	3	3	4	4	4	3	3
8	7	7	3	2	1	0	0	2	2	3	2	2	1	1	1	1	1	1	1	0	0	0	0	0	2
9	1	1	1	0	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	2	2	2	2
10	2	2	2	1	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
11	1	0	1	1	1	1	2	6	4	3	2	2	2	2	2	6	7	6	5	4	3	2	1	1	3
12	1	1	1	1	1	2	3	4	5	3	2	2	1	1	2	2	2	2	2	2	2	1	1	1	2
13	1	1	1	2	2	1	2	5	9	8	6	4	2	2	1	1	2	2	2	5	3	2	1	1	3
14	1	0	0	0	0	1	1	3	3	2	2	2	2	3	3	4	4	4	3	3	2	1	1	1	2
15	1	1	0	0	0	0	0	1	2	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	1
16	1	2	1	1	0	0	0	0	0	0	0	1	1	1	1	2	3	4	3	2	2	1	1	1	1
17	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	1
18	0	0	0	0	0	0	2	5	5	3	3	3	3	2	3	5	6	6	5	5	6	8	6	3	3
19	4	3	2	1	1	1	4	7	7	4	3	2	2	3	3	3	4	4	1	1	1	1	1	1	3
20	1	1	1	1	1	1	2	4	5	4	3	3	2	2	3	3	3	3	2	2	1	1	1	1	2
21	1	1	1	0	1	1	2	3	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
22	2	2	1	1	2	2	3	4	4	3	4	4	2	2	2	3	3	3	2	2	1	1	2	2	2
23	2	2	2	2	2	1	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	3	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2
25	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	1	1	1	2	2	4	4	4	4	5	5	7	6	6	7	7	5	4	3	3	2	2	4
27	3	2	2	2	2	2	2	3	3	3	2	2	3	4	4	3	2	4	3	2	2	4	2	2	3
28	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	2	2	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	1	1	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	2	0
31	1	2	2	1	1	1	1	3	2	1	2	2	3	3	4	4	4	5	5	5	5	3	2	2	3
MEAN	2	2	1	1	1	1	1	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -										97															

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	2	4	9
FEB	28	3	5	15
MAR	31	2	4	8
APR	25	1	4	6
MAY	29	1	2	7
JUN	26	2	4	11
JUL	31	2	5	9
AUG	26	2	4	12
SEP	26	3	4	13
OCT	31	3	7	23
NOV	30	3	6	13
DEC	31	2	4	9
YEAR	330	2	7	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	100	186	49	1	0	0	336
FEB	90	365	206	9	1	0	671
MAR	321	331	90	0	0	0	742
APR	309	162	47	0	0	0	518
MAY	470	164	25	0	0	0	659
JUN	345	197	52	1	0	0	595
JUL	319	290	125	2	0	0	736
AUG	175	261	73	1	0	0	510
SEP	129	296	107	6	0	0	538
OCT	227	293	186	23	6	0	735
NOV	183	328	184	18	0	0	713
DEC	309	320	93	1	0	0	723
YEAR	2977	3193	1237	62	7	0	7476

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.3	0.8	1.4	2.3	3.9	4.9	6.6	7.9	23	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2	3	2	2
2	1	1	2	2	2	2	3	4	3	3	3	***	1	1	0	0	1	1	0	1	2	2	1	0	2
3	0	0	0	0	0	0	1	4	9	11	7	3	2	2	2	2	3	2	0	0	0	0	0	0	2
4	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	2	2	2	2	2	1	1	1
6	1	1	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	2	1	1	1	1	0	0	1
7	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
8	0	0	0	0	0	0	0	1	3	3	2	2	2	1	1	1	1	2	2	2	2	2	2	1	1
9	2	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
10	1	1	1	1	1	1	2	4	6	3	3	2	2	2	2	2	4	3	3	3	3	2	2	2	2
11	2	2	2	2	2	1	2	3	4	3	2	1	1	1	0	***	***	***	***	***	***	***	***	***	***
12	1	0	0	0	0	0	2	4	4	1	1	1	1	1	1	1	3	2	4	1	2	1	2	2	1
13	2	1	0	0	0	0	1	2	2	1	1	2	2	2	2	2	2	2	1	1	1	0	0	1	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
15	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	1	3	2	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	3	3	2	1	1	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	1	1	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	0
21	0	1	1	1	1	1	1	2	2	3	3	3	3	2	2	2	1	1	1	1	1	2	2	1	2
22	1	0	0	0	0	1	3	6	5	4	4	4	4	4	6	7	10	11	8	8	10	7	5	4	3
23	2	2	2	2	2	3	3	4	5	4	4	4	4	4	4	5	5	4	3	3	3	3	3	3	3
24	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	4	4	3
25	4	3	3	3	3	3	5	8	9	6	5	5	4	3	3	3	3	4	5	5	4	4	4	4	4
26	4	5	4	4	4	4	9	12	20	13	8	6	6	6	8	6	7	12	9	6	4	3	2	2	7
27	1	1	2	2	2	1	2	2	2	2	3	3	3	2	1	2	2	3	4	2	2	2	1	2	2
28	2	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	3	3	1
30	2	2	2	2	2	2	3	4	5	4	3	3	2	3	3	2	1	2	2	2	1	1	0	0	2
31	0	0	0	0	0	0	1	2	4	2	2	2	2	2	2	2	4	4	2	1	1	1	1	0	1
MEAN	1	1	1	1	1	1	2	3	4	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	3	6	8	5	3	3	3	3	6	4	5	6	3	2	1	1	1	0	3
2	0	0	0	0	0	0	2	7	10	8	5	4	5	7	9	12	7	11	10	6	2	0	0	0	4
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	3	3	2	2	1	0	1	1	1
6	0	0	0	0	0	0	0	3	5	2	1	0	0	1	1	2	3	3	2	2	3	2	1	0	1
7	1	0	0	0	0	0	0	0	1	3	2	0	0	0	1	1	0	1	1	1	0	1	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	4	4	3	1	1	0	0	1	4	4	2	1	1	1	0	1	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11																									
12																									
13																									
14																									
15	1	0	0	0	0	0	1	1	1	1	0	1	1	0	0	4	4	4	3	2	2	2	2	2	0
16	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	2	2	2	2	1	1	1	1	3	4	4	3	2	2	2	2
18	3	3	3	2	2	2	2	3	3	2	3	3	3	2	2	2	2	2	3	3	3	3	2	2	3
19	2	2	2	1	1	1	2	5	5	3	2	2	3	3	3	4	5	6	4	3	3	2	2	1	3
20	1	1	1	1	1	1	2	4	4	5	3	3	3	5	1	1	1	1	1	0	1	0	0	0	2
21	1	1	0	0	1	1	3	8	7	5	5	4	3	4	5	7	8	5	5	2	1	0	0	0	3
22	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	5	6	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
24	1	1	0	0	1	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1
25	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1
26	1	1	1	1	1	1	2	7	5	3	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	0	2	5	5	3	3	2	2	2	4	4	5	3	3	4	4	4	4	3	3
28	3	3	2	2	2	2	2	5	7	8	7	6	6	6	6	7	8	8	7	7	5	5	5	4	5
MEAN	1	1	0	0	0	1	1	3	4	3	2	2	2	2	2	2	3	3	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION															
STATION - D.O.H. BATHURST & WILSON										NO 34007															
MONTH MAR 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	3	3	5	5	4	3	4	4	4	4	4	5	5	4	3	3	3	3	3	4
2	3	5	8	7	6	5	6	11	13	11	6	5	5	5	5	6	7	7	4	3	3	3	2	1	6
3	1	1	1	0	0	0	0	1	2	2	2	3	3	3	3	3	3	4	5	5	6	6	6	7	3
4	7	7	6	3	3	3	4	4	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	1	3	3	3	1	1	1	1	2	2	2	2	4	3	3	2	2	3	3
6	0	0	0	0	0	0	3	8	9	7	5	3	2	2	2	3	5	6	4	3	3	2	3	2	1
7	1	0	0	0	0	0	2	7	6	4	3	3	3	5	6	5	4	4	3	3	2	3	2	1	3
8	1	1	1	1	2	1	2	5	6	2	1	0	0	0	0	0	0	0	0	1	1	1	3	6	3
9	5	3	3	2	1	1	1	6	5	2	2	2	4	5	2	3	4	4	2	3	2	2	1	0	3
10	0	0	0	0	0	0	0	2	3	5	5	4	5	5	5	5	5	5	6	5	3	2	2	3	3
11	3	3	2	1	0	0	0	1	1	1	2	2	4	4	3	3	3	3	3	4	4	4	3	2	2
12	2	1	1	0	0	0	1	2	3	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	1	1	1	1	1	0	2	3	4	5	5	4	4	3	3	4	3	2
14	4	3	2	1	0	1	3	7	7	6	4	4	3	4	3	3	3	3	2	2	2	1	1	1	3
15	1	1	1	1	1	1	4	9	11	9	6	5	4	3	1	1	0	0	0	0	0	1	0	0	3
16	0	0	0	0	0	0	1	2	1	1	0	0	1	1	0	1	2	2	1	1	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1
20	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	2	3	3	2	2	2	3	2	2	2	2	4	2	2	1	1	1	1	2
22	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	2	1	2	2	3	1	1	1
23	1	1	1	1	1	1	2	2	2	1	1	1	1	1	0	0	0	1	1	1	2	1	2	1	1
24	2	1	1	1	1	1	3	7	4	2	2	1	2	1	2	5	5	5	6	6	5	6	7	3	4
25	8	7	5	4	3	3	3	3	3	3	3	3	3	4	5	5	4	5	6	4	3	3	5	3	4
26	3	2	2	2	1	1	1	4	3	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	2	2	1	0	0	0	2	5	4	3	1	1	1	2	2	3	3	4	3	3	3	4	4	5	2
29	5	2	1	2	2	3	5	9	10	7	5	6	3	4	5	7	8	10	10	8	7	6	5	5	6
30	3	3	2	2	2	3	5	8	8	7	6	5	4	5	6	7	11	13	9	8	7	7	3	3	6
31	3	2	2	1	1	0	0	1	1	1	2	3	3	2	2	3	4	4	4	3	2	1	1	1	2
MEAN	2	2	1	1	1	1	2	4	4	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION															
STATION - D.O.H. BATHURST & WILSON										NO 34007										MONTH APR 73					
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1	1
2	2	1	1	1	1	1	2	3	6	7	6	5	4	5	6	5	7	6	4	3	3	2	1	4	
3	1	1	1	1	1	1	1	2	3	1	0	0	0	0	0	1	5	9	7	5	3	4	3	3	
4	2	2	0	0	0	1	3	7	6	4	1	1	2	2	1	0	1	1	0	0	0	0	0	1	
5	0	0	0	0	0	0	0	0	1	1	0	0	1	1	5	4	4	4	4	4	6	6	5	6	
6	5	5	5	5	5	5	7	7	7	6	1	6	6	5	0	0	0	0	0	1	1	2	1	3	
7	1	1	0	0	0	0	0	0	1	1	1	0	1	2	2	2	2	3	3	2	1	0	1	1	
8	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	
9	0	1	0	0	0	1	2	4	4	3	2	2	2	2	2	2	3	3	2	2	1	2	2	2	
10	1	1	1	1	1	1	3	4	5	3	2	2	2	2	2	3	3	3	2	2	1	1	1	2	
11	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	1	
12	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	2	1	1	1	1	0	0	0	1	2	1	2	2	2	1	1	1	1	1	3	2	1	
15	0	0	2	3	3	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1	2	3	3	4	
16	4	5	3	2	3	2	2	3	4	7	5	3	2	2	2	2	2	2	3	2	2	1	1	3	
17	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0	
18	0	1	1	1	2	2	2	3	3	8	6	11	9	4	3	3	3	3	4	6	5	4	5	4	
19	4	5	4	2	1	1	1	1	3	5	8	7	5	3	3	3	4	5	4	5	5	4	2	0	
20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	
21	- DATA MISSING -																								
22	- DATA MISSING -																								
23	- DATA MISSING -																								
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	
25	0	0	0	0	0	0	1	4	4	3	2	2	2	2	2	2	2	3	5	3	3	1	1	1	
26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	1	1	1	0	0	2	5	5	4	3	2	2	2	3	3	3	5	3	3	3	3	2	2	1	
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3	3	1	0	1	4	6	5	6	4	4	3	3	5	5	5	5	5	5	5	5	6	6	4	3
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	2	5	5	2	1	1	2	3	4	5	7	8	4	3	2	2	1	2	2	3
9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	- DATA MISSING -																								
11	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0
12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	- DATA MISSING -																								
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	3	3	3	1	0	1	1	1	1	0	0	0	3	3	3	4	3	3	3	3	1	3	2	1	2
16	1	1	1	1	2	4	7	6	4	3	3	2	2	2	2	1	0	0	0	0	0	0	1	1	2
17	1	1	1	1	1	1	2	1	1	1	1	1	1	2	5	6	4	4	1	1	1	1	1	1	2
18	0	0	0	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	3	3	2	1
20	1	3	1	2	1	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0
22	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	4	4	4	3	2	1	2	2	1
23	3	3	1	0	0	0	0	2	7	6	4	4	3	2	2	2	3	4	4	3	2	2	2	3	3
24	3	0	0	0	0	0	0	3	8	7	4	4	3	3	3	4	4	4	4	5	4	3	3	2	3
25	2	1	1	1	0	0	0	3	5	6	4	4	3	3	2	3	6	4	4	3	2	1	0	0	2
26	0	0	0	0	0	1	2	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3
27	3	3	3	2	2	2	2	3	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	3
28	2	2	2	2	2	3	7	10	8	7	6	6	5	4	4	5	5	4	3	2	2	3	2	3	4
29	2	1	1	1	0	1	2	3	3	2	1	1	1	1	0	0	1	1	0	0	0	0	0	0	1
30	0	0	0	0	0	0	1	2	5	4	3	3	4	4	4	6	7	8	7	5	3	3	4	3	3
31	3	3	2	2	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	2	3	3	2	1	2
MEAN	1	1	1	1	0	1	2	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	2	2	2	2	2	1	1	1	1	1	2	2	1	1	0	0	0	0
3	2	2	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	4	0	2	1
4	1	1	0	0	0	1	4	6	4	2	1	1	1	1	1	2	5	4	3	1	1	1	1	2	2
5	2	1	0	0	0	1	4	5	7	4	2	1	2	2	2	1	2	1	1	1	2	1	0	0	2
6	0	0	0	0	0	1	4	6	5	4	4	3	2	2	3	4	3	2	1	3	4	3	1	1	3
7	1	1	1	1	1	1	2	5	5	4	3	3	4	3	3	4	4	3	1	1	1	1	0	1	2
8	1	1	1	1	1	2	5	7	5	3	2	2	2	1	1	1	0	0	0	0	1	1	1	1	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	1	1	1	1	2	2	2	2	1	1	1	2	0	0	3	4	3	1	1
11	0	0	0	0	2	5	3	1	2	2	2	1	1	1	0	0	0	0	0	1	0	1	1	0	1
12	0	0	0	0	0	0	0	1	1	0	0	1	2	1	0	0	0	1	1	1	0	0	0	0	0
13	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
15	0	0	0	0	0	2	6	8	5	3	2	2	3	3	3	3	3	2	2	2	1	1	1	1	2
16	0	0	0	0	0	0	2	3	4	4	3	2	1	0	0	0	0	0	0	0	0	1	1	1	1
17	1	1	1	1	0	0	0	0	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	1
18	2	1	1	1	1	0	1	2	2	2	2	1	3	3	4	4	5	5	5	4	3	3	3	3	3
19	2	1	0	0	1	4	7	6	5	5	5	5	3	4	4	4	6	5	4	3	3	2	2	2	3
20	2	1	1	1	1	1	2	5	5	4	4	3	3	3	3	3	3	5	2	3	2	2	3	3	3
21	3	2	1	1	1	1	3	8	9	6	3	4	2	3	4	4	5	6	5	4	2	1	2	2	3
22	2	3	4	3	3	2	4	10	9	6	6	5	5	4	4	1	0	0	0	0	0	0	0	0	3
23	0	1	1	0	0	0	1	1	1	0	1	1	3	3	3	2	3	3	1	1	1	1	2	1	1
24	4	3	1	1	1	1	2	4	2	2	4	4	3	3	3	4	4	4	4	3	3	2	2	2	2
25	1	1	1	1	1	1	2	4	6	5	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3
26	2	2	1	1	2	5	8	6	6	5	4	3	3	3	3	4	4	4	3	3	3	3	2	3	3
27	1	0	0	0	1	4	5	6	4	4	4	4	4	4	4	6	4	4	4	4	4	4	4	4	4
28	1	0	0	1	2	4	6	4	3	3	0	0	5	4	5	8	5	5	9	7	4	4	4	4	4
29	3	2	2	2	3	5	8	8	5	5	0	0	4	4	4	5	4	4	4	4	4	4	4	4	4
30	3	4	4	5	4	4	5	3	4	4	3	5	5	5	5	5	4	5	5	4	4	4	4	4	4
MEAN	1	1	1	1	1	2	3	4	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	3	2	3	3	3	3	3	4	4	3	3	3	3	2	4	5	5	5	3
2	5	4	2	2	2	2	2	3	4	3	3	3	4	3	3	3	3	3	3	3	3	5	4	3	3
3	1	1	1	1	1	3	6	3	2	2	2	1	0	1	0	4	4	3	1	0	0	0	1	0	2
4	0	0	0	0	0	2	5	8	6	3	3	2	2	2	3	3	3	5	3	1	1	1	0	0	2
5	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	2	4	1	1	4	4	2	2	3	4	3	2	2	1	0	2
7	1	1	1	1	1	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
8																									
9																									
10																									
11																									
12	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	3	3	2	2	3	1	5	5	2	2	1	1	1	1	1	1	0	0	0
14	0	0	0	0	0	0	1	1	1	1	1	1													
15																									
16																									
17																									
18	0	0	0	1	2	2	5	4	2	2	2	1	1	1	1	1	1	1	2	2	3	4	1	0	0
19	1	1	2	2	2	3	2	2	3	4	4	4	3	3	3	4	4	4	4	5	3	3	2	2	1
20	2	2	2	2	2	2	4	3	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2
21	1	1	1	1	1	1	1	2	3	3	3	3	3	4	3	3	3	3	2	3	2	3	2	2	2
22	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	8	5	3	2
23	2	1	1	1	1	2	4	5	2	1	1	1	2	2	1	2	1	1	1	1	2	1	2	2	1
24	2	0	0	0	0	0	3	7	4	2	2	2	1	1	1	2	2	2	1	1	2	1	1	1	2
25	1	0	0	0	0	0	0	0	0	0	0	3	5	3	2	3	2	3	4	5	4	3	3	2	3
26	1	1	0	0	2	8	4	5	3	3	2	2	2	3	4	4	3	2	1	1	1	1	1	1	2
27	0	0	0	0	2	4	4	2	2	1	2	2	2	2	2	4	4	3	3	3	3	1	1	1	2
28	1	1	0	0	0	1	2	2	2	1	1	1	0	2	3	2	1	0	0	0	0	0	0	0	1
29	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	2	2	2	1	1	0	0	1
30	0	0	0	0	0	2	6	6	4	3	3	4	4	3	3	4	4	3	3	3	3	2	2	1	3
31	0	0	0	0	0	0	4	6	6	4	4	3	3	4	5	6	6	6	5	5	4	3	3	2	3
MEAN	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	6	7	6	4	4	3	4	4	4	6	5	4	4	3	3	4	3	3
2	3	2	2	1	1	1	1	2	5	4	3	2	2	2	3	3	4	2	0	0	0	1	0	0	2
3	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	3	4	4	4	2	1	0	0	0	1
4	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1
5	2	2	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1
6	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	4	2
7	2	2	2	1	1	1	3	5	3	3	2	3	3	3	4	5	5	3	2	3	2	1	2	2	3
8	1	0	0	1	1	3	5	4	4	3	2	3	3	3	4	4	3	3	4	3	4	2	1	2	1
9	1	0	0	0	0	2	3	2	1	1	1	0	1	1	2	3	3	3	4	2	1	0	0	0	1
10	0	0	0	0	0	2	6	6	4	4	4	3	3	3	3	3	4	1	0	1	1	1	2	2	2
11	1	2	1	1	1	1	2	2	2	2	2	1	1	0	0	0	0	0	1	2	1	0	0	0	1
12	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0
13	1	1	0	0	1	1	1	1	2	1	1	1	0	0	2	3	3	3	3	3	2	3	2	1	2
14	1	1	1	1	2	7	9	9	6	4	2	3	3	2	2	3	2	2	3	2	0	0	0	0	3
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	1	1	0	0	0	0
16	0	0	0	0	0	1	4	7	4	2	1	1	1	1	1	2	2	1	1	3	3	3	4	3	2
17	1	0	0	0	1	1	2	5	4	3	3	2	2	3	3	6	5	3	2	1	1	1	1	0	2
18	1	1	0	0	0	1	2	2	2	2	2	2	1	2	2	1	2	2	1	2	3	1	2	2	2
19	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	4	3	2	2	1
20	3	3	2	1	2	5	7	5	4	3	2	2	2	2	2	1	0	0	2	0	1	1	0	0	2
21	0	0	1	1	1	1	2	2	2	1	1	1	1	2	1	1	1	1	1	1	0	0	0	0	1
22	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1
23	1	1	1	1	2	4	6	6	5	5	4	3	2	1	1	2	1	1	2	2	2	2	2	2	3
24	1	1	1	2	2	4	5	4	5	4	4	3	4	5	5	5	4	3	4	5	5	5	5	5	4
25	5	6	3	3	3	3	4	5	6	5	5	5	5	5	5	5	4	5	6	6	6	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	6	5	5	3	4	3	2	2	2	2	2	4	5	4
27	3	3	3	2	3	6	10	12	6	4	3	4	3	2	3	2	6	4	3	3	2	2	2	4	4
28	3	2	1	1	2	2	2	3	2	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1
29	2	2	1	2	2	2	3	3	3	3	2	1	1	1	1	2	2	2	3	3	3	4	4	4	2
30	3	3	3	3	3	3	5	7	6	3	3	3	2	2	2	2	2	2	2	1	1	1	1	2	3
31	3	3	4	5								5	5	5	5	6	6	5	6	4	3	3	3	3	4
MEAN	1	1	1	1	1	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION																	
STATION - D.O.H. BATHURST & WILSON										NO 34007																	
MONTH SEP 73																											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	2	2	3	2	3	4	5	5	5	5	5	4	5	6	6	4	4	4	4	5	5	5	6	7	4		
2	5	3	3	2	2	3	3	2	3	3	2	2	1	1	2	2	2	2	3	4	4	5	5	3	3		
3	3	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	2	4	5	4	4	2	3		
4	1	1	0	0	0	1	5	12	7	3	3	2	2	2	2	2	2	2	2	4	4	3	2	2	3		
5	1	1	1	0	0	1	4	10	4	2	1	2	2	3	2	2	1	0	0	1	1	1	0	0	2		
6	0	0	0	0	0	0	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1		
7	1	1	2	2	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2		
8	2	2	3	3	3	3	3	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3		
9	3	3	3	3	3	3	3	4	3	3	3	3	3	2	2	2	2	2	2	3	3	2	3	3	3		
10	3	3	4	4	4	6	10	10	7	6	7	6	7	6	6	6	3	3	3	4	4	4	4	4	5		
11	3	3	3	3	3	3	4	4	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3		
12	2	2	2	3	3	4	6	6	5	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4		
13	3	3	3	3	4	6	9	12	11	6	5	5	4	4	4	7	7	5	5	5	5	4	4	4	5		
14	3	2	2	1	1	5	8	7	5	3	4	3	4	7	6	6	6	5	5	6	6	4	3	3	4		
15	2	2	3	3	4	3	3	2	2	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	2		
16	2	2	3	4	7	11	8	4	3	3	3	3	5	5	6	6	5	4	3	3	3	2	2	2	4		
17	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	2	3	4	4	3	1		
18	1	1	1	1	2	5	10	7	4	3	2	2	1	0	0	2	2	1	1	1	0	1	0	2	0		
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0		
20	2	1	2	2	2	4	10	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
21																											
22																											
23																											
24																											
25	1	1	1	1	1	4	7	8	4	3	3	3	3	4	4	4	4	5	4	4	4	3	2	1	0		
26	1	1	0	0	1	3	8	9	5	2	2	2	2	2	2	4	4	4	3	4	4	5	4	1	3		
27	2	2	2	2	2	4	8	7	5	4	4	3	1	1	2	1	1	1	1	4	4	1	1	2	2		
28	1	1	2	2	2	3	4	5	5	5	5	4	5	5	6	6	7	7	5	5	5	5	3	4	4		
29	3	2	2	2	2	3	3	3	3	2	2	2	1	1	1	1	1	1	2	2	2	4	5	2	2		
30	4	3	3	3	3	4	5	4	3	3	3	3	4	3	3	3	3	5	6	8	10	6	4	5	4		
MEAN	2	2	2	2	2	3	5	6	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
PERCENTAGE OF DATA VALID -	86																										

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION																
STATION - D.O.H. BATHURST & WILSON										NO 34007																
										MONTH OCT 73																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	3	3	2	4	8	14	10	6	5	5	5	5	5	6	7	7	6	6	5	6	4	3	2	5	
2	2	2	1	1	2	5	8	8	6	5	5	6	6	7	8	9	6	6	5	4	3	3	2	3	5	
3	3	1	1	1	2	3	3	3	2	2	2	2	4	4	5	2	2	1	1	2	2	2	2	1	2	
4	0	0	0	0	1	4	7	9	5	4	5	3	3	4	5	8	6	4	3	2	2	2	2	2	3	
5	2	0	0	1	1	2	2	2	2	2	2	2	2	2	1	1	1	0	1	1	1	1	1	1	1	
6	1	1	1	1	1	2	3	2	3	3	4	4	3	3	3	2	3	3	4	5	4	3	3	3	3	
7	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	
8	1	1	1	0	1	1	2	2	2	2	2	3	3	2	2	2	3	3	4	5	4	4	3	3	2	
9	1	1	0	0	1	1	4	6	6	4	3	3	2	3	3	5	5	6	6	7	9	6	3	4	4	
10	1	1	1	0	1	3	12	11	7	5	5	3	3	3	3	4	5	5	4	3	2	1	1	0	4	
11	0	0	0	0	0	2	2	5	5	4	3	3	4	4	4	6	7	5	6	4	4	3	4	6	3	
12	4	1	1	1	2	4	6	9	7	5	4	4	4	4	5	6	9	8	6	5	5	3	4	3	5	
13	3	2	0	0	0	1	2	3	3	2	2	3	3	2	2	2	2	2	2	1	1	1	1	1	2	
14	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	1	2	2	3	3	3	3	2	2	2	
15	2	2	2	2	2	3	4	7	6	5	5	5	3	3	3	3	3	3	4	4	5	4	4	4	4	
16	3	3	3	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	4	4	
17	4	4	4	4	4	5	7	6	5	4	4	4	4	4	3	3	3	4	4	4	4	4	4	3	4	
18	3	3	3	3	3	4	4	4	4	4	3	3	3	2	3	4	4	4	4	4	4	4	4	4	4	
19	3	3	3	3	4	5	7	9	9	9	8	7	6	6	8	9	9	9	8	8	7	5	5	6	7	
20	4	4	4	4	4	3	3	3	4	4	4	4	4	4	3	3	4	4	4	4	4	3	4	4	4	
21	4	4	4	4	4	4	4	5	6	4	4	5	4	4	4	5	6	7	7	7	8	8	10	11	5	
22	9	9	9	8	7	8	13	19	18	13	9	8	5	9	9	8	8	8	9	7	10	12	15	13	10	
23	9	9	6	5	5	10	14	20	19	13	11	9	6	6	6	7	7	7	7	7	10	11	8	5	9	
24	2	1	1	2	2	6	13	21	13	10	9	6	5	4	3	4	6	7	7	7	6	6	5	7	9	
25	2	2	2	2	3	5	12	12	15	12	6	5	4	3	4	6	7	7	6	4	4	3	3	3	6	
26	1	0	0	0	0	2	3	4	2	1	0	0	2	2	2	2	3	2	2	2	2	1	1	1	2	
27	1	1	1	1	1	1	1	1	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	
28	4	4	3	3	3	3	3	3	4	4	4	4	6	6	5	5	5	5	5	5	5	4	4	4	4	
29	4	4	4	3	4	4	5	7	8	6	6	6	6	6	6	7	7	6	6	6	5	4	4	4	5	
30	5	4	4	4	4	4	4	5	6	6	5	5	5	6	0	4	4	4	4	5	5	5	6	6	5	
31	5	4	3	3	3	3	6	10	9	7	6	7	6	7	7	7	10	9	7	5	5	4	4	3	6	
MEAN	3	2	2	2	2	4	6	7	6	5	4	4	4	4	4	5	5	5	5	4	5	4	4	4	4	
PERCENTAGE OF DATA VALID - 99																										

UNITS - PARTS PER MILLION

MONTH NOV 73

13 14 15

PERCENTAGE OF DATA VALID - 43

UNITS - PARTS PER MILLION

MONTH DEC 73

13 14 15

PERCENTAGE OF DATA VALID = 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	7	20
FEB	25	2	5	12
MAR	31	2	6	13
APR	27	2	4	11
MAY	29	2	4	10
JUN	30	2	4	10
JUL	26	2	3	8
AUG	31	2	5	12
SEP	27	3	5	12
OCT	31	4	10	21
NOV	16	3	7	13
DEC	23	3	5	11
YEAR	327	2	10	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	401	212	73	12	1	0	699
FEB	355	134	77	5	0	0	571
MAR	348	203	157	14	0	0	722
APR	352	149	80	3	0	0	584
MAY	331	142	115	1	0	0	589
JUN	358	196	157	4	0	0	715
JUL	284	229	80	0	0	0	593
AUG	337	251	141	4	0	0	733
SEP	155	268	184	13	0	0	620
OCT	101	232	348	49	9	0	739
NOV	59	169	79	9	0	0	316
DEC	142	237	107	7	0	0	493
YEAR	3223	2422	1598	121	10	0	7374

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84	0	0.2	0.7	1.3	2.5	4.6	5.8	7.8	9.3	21	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS PER MILLION													
STATION - ELMCREST ROAD, ETOBICOKE												NO 35003													
MONTH JAN 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	4	4	2
2	4	6	5	4	4	5	5	4	4	3	3	2	2	1	1	1	1	1	1	3	2	2	2	1	3
3	2	2	2	1	1	1	1	7	10	4	1	1	1	1	3	3	4	4	4	4	4	4	5	5	3
4	4	4	3	2	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	1	1	1	1	2	2	2	1	1	1	2	2	2	3	3	3	3	2	2	2	2
6	3	3	3	4	5	7	8	8	8	7	6	6	5	4	4	4	5	5	5	6	5	5	6	6	5
7	7	6	6	7	8	8	9	9	8	7	6	4	4	3	3	3	4	4	4	5	5	4	5	4	6
8	5	5	5	5	5	6	7	9	8	6	4	3	3	2	2	2	2	3	3	3	4	4	3	4	4
9	4	4	3	4	4	3	3	3	3	1	1	0	0	0	0	0	1	1	2	2	2	2	1	1	2
10	2	2	2	2	1	2	2	2	2	1	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2
11	1	2	3	4	5	5	5	6	5	5	4	2	2	3	3	2	3	4	4	4	5	5	5	5	4
12	5	5	5	5	5	5	5	5	5	5	4	4	3	2	2	2	3	3	2	2	2	2	3	4	4
13	3	3	2	2	3	3	3	3	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
15	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
16	1	1	1	2	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	0	1	1	0	0	1
17	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	2	4	3	4	1	1	1
18	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	3	4	4	5	6	6	6	6	6	6	5	4	3	3	3	3	3	4	5	5	5	5	5	5	5
21	5	5	5	4	4	4	4	4	4	4	3	3	2	2	2	2	3	4	4	4	3	3	3	2	3
22	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1
26	1	0	0	0	0	0	1	4	7	7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
27																									
28																									
29																									
30	2	1	1	1	2	2	2	2	3	3	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1
31	1	1	2	2	2	2	3	4	4	3	3	3	2	2	2	3	4	4	5	5	4	3	2	2	3
MEAN	2	2	2	2	2	3	3	3	4	3	2	2	2	2	1	2	2	2	2	3	2	2	2	2	2
PERCENTAGE OF DATA VALID -		86																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION													
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003													
MONTH FEB 73																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	1	1	1	0	0	1	2	4	4	2	1	2	2	2	2	2	2	1	1	0	0	1	0	1	
2	0	0	0	0	0	0	0	2	3	4	3	3	3	4	9	8	7	10	8	4	1	1	1	1	3	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	
6	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	
7	2	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	1	4	2	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	
10	1	2	2	2	2	2	4	4	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	DATA MISSING -													0 2 2 2 2 3 4 2 2 0 0 0												
12	DATA MISSING -													0 0 0 0 0 0 0 0 0 0 0 0 0 0												
13	2	1	1	1	2	2	2	3	3	2	1	1	0	0	0	0	0	4	3	3	3	3	4	3	2	
14	1	1	1	2	1	2	3	7	7	6	4	0	0	0	1	1	1	1	1	1	1	1	1	1	2	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	
16	1	2	2	3	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	3	3	3	3	3	3	
17	DATA MISSING -													2 2 2 3 3 3 3 3 3 3 3 3 3 3												
18	DATA MISSING -													2 2 2 3 3 3 3 3 3 3 3 3 3 3												
19	DATA MISSING -													2 2 2 3 3 3 3 3 3 3 3 3 3 3												
20	DATA MISSING -													2 2 2 3 3 3 3 3 3 3 3 3 3 3												
21	2	2	2	2	2	3	4	6	6	5	5	6	3	3	3	3	4	5	5	5	4	2	2	2	4	
22	2	2	2	2	2	3	3	5	4	4	3	3	2	2	2	2	3	3	3	3	3	3	3	4	3	
23	4	4	4	4	4	4	4	6	6	4	4	3	0	2	1	2	2	2	1	1	1	1	1	1	3	
24	2	2	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	2	3	3	3	4	5	2	
25	4	4	5	5	5	6	5	5	5	4	4	4	2	3	4	4	3	3	3	3	3	3	3	3	4	
26	2	2	2	3	3	4	5	7	6	4	3	2	2	1	2	1	1	1	2	3	3	3	3	4	3	
27	DATA MISSING -													2 2 2 2 2 2 3 2 3 3 3 3 3 3												
28	DATA MISSING -													2 2 2 2 2 2 3 2 3 3 3 3 3 3												
MEAN	2	1	2	2	2	2	2	3	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	
PERCENTAGE OF DATA VALID -													67													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	2	2	2	2	2	2	2	3	4	4	5	5	4	4	4	3	3	4	3	4	6	6	6	6	4
11	5	7	6	5	5	3	1	2	2	2	1	1	2	2	2	2	3	2	2	2	2	1	1	1	3
12	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	1	1	1	1	0	0	0	0	0
14	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0.00	0.00	0	0
15	0	0	0	0	0	0	0	0	1	0	0	0.00	1	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0	0	0	0	0	0	0	0	2	2	2	0
18	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1
19	2	2	2	2	2	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	1	1	2	3	3	3	3	4	4	5	5	2
21	5	4	4	4	4	4	4	4	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2
22	0	0	0	0	0	2	2	3	2	2	2	2	2	2	2	1	1	1	1	1	2	2	4	2	2
23	1	1	1	0	1	2	2	1	1	0	0	0	0.00	0.00	0	0.00	0.00	0.00	0.00	1	2	3	2	2	1
24	7	1	2	4	4	3	4	3	3	3	2	2	1	2	3	3	3	3	4	5	5	6	6	6	3
25	2	8	5	4	4	3	3	3	3	3	2	2	1	2	2	3	3	3	3	4	3	3	4	2	3
26	1	2	2	2	2	2	3	3	3	3	2	2	1	2	3	3	2	2	2	2	3	3	2	2	2
27	3	2	1	1	2	2	2	3	2	2	1	2	1	1	1	1	1	1	1	2	3	4	6	5	2
28	3	2	1	2	2	2	2	2	2	2	1	1	1	1	1	2	3	4	5	4	4	4	2	2	2
29	2	2	2	1	1	0	1	3	4	2	2	1	1	1	1	3	4	4	3	2	2	2	2	2	2
30	4	4	3	1	1	0	0	0	0	1	1	1	2	1	1	2	3	3	2	1	1	1	1	1	1
MEAN	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1
2	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	1
3	0	0	1	1	1	1	1	2	3	2	1	1	1	1	2	3	4	5	8	6	5	5	5	4	3
4	4	3	3	1	1	1	2	2	2	2	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1
5	5	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	0
6	3	2	2	1	1	2	2	2	3	3	2	1	1	1	0	0	1	1	1	2	2	2	2	2	2
7	3	2	2	1	1	2	2	2	3	3	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	0	0	1	2	1	2	1	2	2	2
9	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	1	1	2	2	2	2	2
10	2	2	1	1	1	1	1	1	1	0	0	0	0.00	2	2	3	3	3	3	2	2	2	2	2	2
11	2	2	2	1	1	4	5	5	5	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	4
12	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3
13	3	3	3	2	2	2	2	2	2	3	3	4	2	2	3	3	3	2	3	3	3	3	3	4	3
14	4	3	2	2	3	3	3	3	2	2	2	2	2	2	3	4	4	4	4	0.00	0.00	0.00	0.00	0.00	3
15																									
16																									
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	1	1	1	1	1	1	1	1	2	2	1	0.00
18	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19																									
20																									
21																									
22																									
23																									
24																									
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	2	3	3	3	3	3	3	0.00
26	2	2	2	2	3	2	3	3	2	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1
27	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	3	3	4	4	4	4	4	4	3	3	0.00
28	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	5	4	4	4
29	3	4	4	4	4	4	4	4	3	3	2	2	1	1	1	2	2	2	2	3	4	4	4	4	4
30	4	4	4	3	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	3	4	2	0	0	0	0	3	3	3	3	3	3	2	2	2	1	2	1	1
2	3	3	3	4	4	4	4	3	3	3	2	3	2	3	3	2	2	2	3	3	2	2	2	2	3
3	3	3	3	3	4	3	4	4	4	4	1	1	0	1	1	1	1	2	2	2	2	2	2	2	2
4	3	3	3	3	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	3	3	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	1
6	1	1	1	3	2	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	1	1	1	2	2	2	2	3	3	4	4	3	3	3	2	2	2	2	2
8	0	0	0	3	3	3	5	3	2	2	2	1	1	1	1	1	0	0	1	3	2	2	2	2	2
9	1	1	0	0	0	0	1	1	1	1	0	1	3	3	5	5	4	6	5	4	3	3	3	2	2
10	1	1	0	0	0	0	1	1	1	1	0	1	3	3	1	5	5	4	6	5	4	3	3	2	2
11	3	3	3	3	2	2	2	2	1	1	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
12	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2	3	3	3	2	3	3	3	3	3	3
13	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2
14	3	3	3	3	3	3	3	3	3	3	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	3	3	3	3	3	3	3	3	2	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2
17	3	3	3	3	3	3	4	4	3	3	2	1	2	2	2	3	2	2	2	2	2	2	2	2	2
18	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	3	3	3	3	3	4	4	2	1	0	0	1	1	1	1	0	1	1	1	1	2	3	2	2	2
20	2	2	2	1	2	2	3	2	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0
21	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	2	1	1	0
22	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2	3	3	3	4	6	6	5	6	2
23	5	6	5	6	8	9	10	7	5	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	6	10
FEB	23	2	4	10
MAR	24	2	4	8
APR	22	2	4	8
MAY	24	2	4	10
JUN		DATA MISSING		
YEAR	122	2	6	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	287	197	157	5	0	0	646
FEB	193	184	73	2	0	0	452
MAR	280	179	66	0	0	0	525
APR	158	199	86	0	0	0	443
MAY	197	311	39	2	0	0	549
JUN		DATA MISSING					
YEAR	1115	1070	421	9	0	0	2615

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
72	0	0.2	0.7	1.3	2.2	3.7	4.5	5.7	6.7	10	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS PER MILLION														
STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033												MONTH JAN 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	
2	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	
3	1	1	1	2	3	6	10	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	
5	2	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
8	2	2	1	1	1	1	2	4	5	3	3	2	2	2	1	2	2	2	2	2	2	2	2	1	1	
9	2	2	2	2	1	1	2	3	3	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	
10	0	0	0	0	0	0	0	1	2	1	0	0	1	1	1	1	2	1	1	0	0	0	0	0	1	
11	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	3	1	1	1	1	1	1	1	
12	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
13	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
15	2	2	2	2	2	2	4	6	6	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
16	1	1	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
17	1	0	0	0	0	0	1	2	2	1	1	0	0	0	0	1	2	2	2	2	2	2	2	2	2	
18	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	
19	4	2	1	2	2	2	4	3	4	3	3	3	2	2	0	1	1	3	2	2	2	2	2	4	2	
20	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	1	1	1	1	0	0	0	0	0	2	
21	- DATA MISSING -												2	3	3	3	3	5	4	4	4	3	2	2	2	2
22	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	
23	3	3	3	3	3	3	5	6	4	3	3	3	3	3	3	3	4	5	5	5	5	5	5	4	4	
24	4	4	4	4	4	4	4	8	5	3	2	2	2	2	1	1	3	3	4	4	4	4	4	7	4	
25	6	4	3	3	3	3	5	11	10	4	2	1	1	0	0	1	3	3	3	3	6	5	5	6	4	
26	5	5	5	5	5	5	5	6	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	
27	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	
28	3	3	3	3	4	4	4	5	4	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	
29	2	2	2	2	2	2	3	4	3	2	3	2	2	2	2	3	3	3	2	2	2	1	1	1	2	
30	2	2	2	2	2	2	3	4	3	2	3	2	2	2	2	3	3	3	2	2	2	1	1	1	2	
31	1	1	1	1	1	1	2	5	1	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	
PERCENTAGE OF DATA VALID -												89														

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION															
STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033										MONTH FEB 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	1	1	3	8	7	3	2	1	1	2	2	3	3	1	1	0	0	0	1	1	2
2	1	0	0	0	0	1	2	4	6	7	3	3	4	4	8	10	15	14	9	5	4	5	5	4	5
3	5	4	4	4	5	5	5	5	5	5	5	5	5	6	5	6	5	5	5	5	5	5	5	5	5
4	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	4	5	5	5	6	8	7	6	5	5	4	4	4	5	6	5	4	4	3	3	3	3	5
6	4	3	3	3	3	3	4	4	4	4	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3
7	4	4	4	4	4	4	5	6	6	5	5	5	5	5	5	5	6	5	4	4	4	4	4	4	5
8	3	3	3	3	2	2	3	4	4	4	4	5	5	5	5	5	6	5	4	4	4	4	4	4	4
9	4	4	4	3	4	4	7	9	7	5	5	4	3	4	4	6	7	6	7	7	6	6	6	6	6
10	6	6	6	6	6	6	7	7	7	6	6	7	6	7	7	7	7	7	7	6	6	6	6	6	6
11	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8	7	7	7	6	6	6
12	6	6	5	6	6	6	6	8	10	8	6	5	5	5	5	6	6	6	6	6	6	6	6	6	7
13	7	6	6	6	6	7	11	14	12	6	5	3	3	3	7	7	7	7	7	10	11	12	10	7	7
14	10	7	7	7	8	9	12	13	7	7	7	7	7	7	7	8	6	7	7	9	9	9	9	9	8
15	6	5	5	5	5	6	7	8	6	6	5	6	5	5	5	6	6	6	5	5	5	5	5	5	6
16	4	4	5	4	4	4	5	6	6	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	4	5	4	4	3	4	4	3	3	3	4	3	3	3	3	2	2	2	3
21	2	2	2	2	2	3	3	3	3	3	3	2	2	3	4	5	4	6	5	4	4	3	3	2	3
22	2	2	2	2	2	3	3	5	5	3	3	3	2	1	2	2	3	3	3	2	2	2	2	2	3
23	2	2	2	2	2	3	4	7	6	5	3	3	1	0	1	2	3	3	3	3	2	2	2	2	3
24	2	2	2	2	2	3	3	3	3	3	3	1	1	2	2	2	2	2	2	2	2	2	2	2	2
25	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	2
26	2	2	2	2	2	3	4	7	5	1	1	1	1	0	1	1	2	2	1	1	1	1	1	1	2
27	1	1	1	1	1	1	3	4	3	2	2	1	1	1	1	2	2	1	3	4	4	4	3	3	2
28	3	3	3	2	2	3	5	8	5	5	4	3	3	3	3	3	3	3	2	2	3	2	2	2	3
MEAN	4	4	3	3	3	4	5	6	5	4	4	4	3	4	4	4	5	5	4	4	4	4	4	4	4
PERCENTAGE OF DATA VALID -										99															

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	2	2	2	2	2	2	2	1	0	0	2	1	2	3	4	4	5	7	2
2	11	5	7	6	4	5	8	4	4	3	3	4	5	5	2	4	8	5	2	4	5	4	4	4	2
3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	2	6	7	8	7	5	5	4	7	9	5
4	9	9	9	9	8	7	7	6	6	6	5	4	4	2	2	2	2	3	3	3	4	4	4	4	5
5	4	4	3	3	3	3	4	4	5	5	4	3	3	3	3	3	4	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	5	6	6	4	3	3	0	0	0	2	3	3	4	4	2	2	4	3
7	3	2	2	2	2	2	3	4	4	3	3	2	4	3	3	5	9	5	3	2	2	2	3	2	3
8	2	2	2	2	2	3	7	9	6	3	1	0	0	0	0	0	0	1	1	2	2	3	5	5	2
9	4	4	5	5	4	5	5	9	8	3	2	1	1	1	2	2	3	3	3	3	3	3	3	3	4
10	3	3	3	3	3	3	3	4	4	5	5	5	5	3	3	2	3	3	3	7	3	4	6	4	4
11	6	10	11	9	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	6	4
12	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2
13	4	3	3	3	3	3	5	4	4	4	3	3	2	3	3	4	4	4	4	4	4	4	4	4	3
14	4	3	3	3	3	3	4	6	4	4	4	1	3	5	5	4	4	4	4	4	4	4	4	4	4
15	3	3	3	4	3	3	3	4	4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	1	1	1	1	1	1	1	1	2	3	4	2	2	1	2	2	1	1	1	1	1	1
17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	0
18	0	0	0	0	0	0	0	0	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
19	1	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
20																									
21	1	1	1	1	1	0	2	3	3	1	2	2	1	1	1	2	3	2	2	2	2	1	1	1	1
22	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	2	2	2	2	3	5	6	4	2	2
23	2	1	1	1	1	1	2	4	3	1	0	0	0	0	0	0	0	0	1	5	6	6	6	5	3
24	4	3	3	3	3	3	4	5	3	1	0	0	0	0	0	0	0	0	1	2	2	2	4	5	3
25	7	3	4	5	4	3	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
26	2	2	1	1	1	2	3	4	3	1	0	0	0	0	0	0	2	1	1	0	0	0	2	2	1
27	1	1	1	1	2	2	3	4	3	1	0	0	0	0	0	0	2	1	1	2	2	2	2	2	1
28	2	2	2	2	2	2	2	2	3	1	1	0	0	0	0	0	1	1	1	2	1	2	2	2	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	2	2	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	3	2	0
31	2	3	3	0	0	0	1	1	2	2	2	1	0	0	0	0	0	0	0	1	0	0	0	0	1
MEAN	3	3	3	3	2	2	3	4	3	2	2	2	2	2	2	2	3	2	2	3	2	3	3	3	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH APR 73

[illegible]

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20	8	4	2	2	2	3	4	7	7	3	3	1	2	2	2	2	2	3	3	5	6	7	9	10	3
21	1	1	1	1	1	1	1	2	3	2	1	2	1	1	2	2	3	3	3	2	1	1	1	1	2
22	1	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	2
23	3	2	2	2	2	1	1	3	5	3	2	2	1	1	1	1	4	6	5	3	3	2	3	3	2
24	3	3	3	3	3	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	2	2	2	2	1	0	1
26	0	1	1	1	0	0	0	2	4	2	2	4	2	1	1	1	2	2	2	1	1	0	0	0	1
27	1	1	1	1	0	1	1	3	4	5	4	4	5	6	6	6	4	7	7	6	4	5	4	6	4
28	7	5	4	2	2	1	2	4	6	4	3	2	2	2	2	2	3	2	2	1	1	1	1	0	3
29	1	0	0	0	0	0	1	3	3	2	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1
30	1	1	1	1	0	0	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
MEAN	2	2	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	3	3	3	2
2	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	1	1	1	1	1	1	2	4	6	6	3	3	3	4	3	4	4	3	2	2	1	1	2	2	3
5	2	1	1	1	1	1	1	3	4	3	3	4	4	5	4	3	3	3	2	1	1	1	1	1	2
6	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	1	2
7	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	3	2	3	2	2	3	2
8	3	2	1	1	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	1	1	1	2
10	1	1	1	1	1	1	2	3	4	3	3	2	1	1	1	1	2	2	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	3	3	2	2	2	1	1	1	2	3	3	2	2	1	1	1	1	2
12	1	0	0	0	0	0	1	3	2	2	2	1	1	1	2	2	3	3	1	1	1	1	1	1	1
13	1	1	1	1	1	0	1	3	6	2	3	4	2	1	1	1	2	2	3	4	3	1	1	1	2
14	0	0	0	0	0	0	0	1	2	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1
15	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17																									
18																									
19																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	1	1	1	1	1	1	1	2	3	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2	5	11
FEB	28	4	8	15
MAR	31	2	5	11
APR	19	2	3	6
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV	12	2	4	10
DEC	16	1	3	6
YEAR	136	3	8	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	195	373	97	3	0	0	668
FEB	52	261	340	15	3	0	671
MAR	230	277	154	11	0	0	672
APR	120	250	45	0	0	0	415
MAY		DATA MISSING					
JUN		DATA MISSING					
JUL		DATA MISSING					
AUG		DATA MISSING					
SEP		DATA MISSING					
OCT		DATA MISSING					
NOV	135	88	39	3	0	0	265
DEC	232	115	16	0	0	0	363
YEAR	964	1364	691	32	3	0	3054

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70	0	0.3	1.0	1.7	2.7	4.6	5.8	7.0	8.3	15	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														
	STATION - 471 UNIVERSITY WINDSOR OAMST								NO 12008				MONTH JAN 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	26	25	25	26	25	25	25	25	25	25	25	26	25	25	25	26	26	26	26	26	26	26	26	27	26	
2	27	27	27	27	27	27	28	28	31	39	38	35	34	35	35	35	40	39	36	37	37	37	41	39	34	
3	43	40	38	33	32	30	29	32	37	37	35	34	32	32	31	34	33	31	29	29	29	27	25	25	32	
4	27	25	25	26	25	26	27	27	30	29	32	31	29	29	31	32	41	31	29	29	31	30	28	29	29	
5	29	31	30	30	30	29	30	30	31	29	29	28	28	27	29	29	29	30	29	27	26	25	27	25	29	
6	25	25	25	25	24	24	25	26	27	28	30	32	33	33	33	35	34	32	31	30	30	29	29	29	29	
7	29	29	29	29	29	30	29	29	30	27	30	27	27	27	26	27	26	27	25	27	28	29	27	27	28	
8	27	26	27	27	27	29	28	30	31	31	31	31	36	35	35	33	33	33	31	29	31	31	31	33	31	
9	33	35	34	35	31	29	29	30	31	31	31	34	33	33	32	35	40	41	40	37	36	35	33	32	34	
10	30	33	33	33	33	35	33	33	33	33	33	33	30	29	29	31	33	34	33	33	32	31	31	30	32	
11	30	30	31	30	30	31	33	33	34	35	47	39	42	43	40	43	44	53	63	66	64	59	55	42		
12	49	45	43	43	41	37	37	37	39	41	41	39	41	42	43	41	41	39	35	37	37	36	34	36	40	
13	35	35	35	35	35	35	37	37	37	35	33	33	31	31	29	31	30	31	31	31	30	30	30	31	33	
14	32	32	31	31	31	31	31	31	31	29	30	31	29	29	30	31	31	32	32	34	35	35	33	33	31	
15	35	35	33	34	33	33	33	35	36	37	38	39	38	39	39	39	40	38	34	31	31	29	28	25	35	
16	21	19	19	19	18	16	16	20	21	21	21	25	22	21	21	21	22	22	23	23	23	23	23	22	21	
17	21	21	21	21	21	20	21	21	23	24	26	25	23	24	26	29	31	31	29	28	25	25	25	25	24	
18	25	25	25	24	23	23	23	25	28	25	26	27	25	24	23	22	24	23	21	19	19	19	19	19	23	
19	19	18	18	17	16	17	18	19	21	23	25	23	24	25	25	29	28	27	24	24	23	24	24	26	22	
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21	27	28	25	24	23	23	24	24	25	25	25	25	26	25	25	24	23	23	24	25	24	24	23	23	24	
22	23	23	22	21	19	19	19	19	19	19	21	23	22	24	26	30	33	31	27	25	23	23	33	33	24	
23	28	26	25	25	24	25	25	24	25	25	26	27	27	27	27	27	29	29	29	29	30	31	31	31	27	
24	33	31	29	28	27	27	28	30	31	31	31	32	33	33	33	31	33	32	31	32	31	34	31	35	31	
25	38	32	30	31	29	29	33	30	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
26	26	25	19	19	18	17	17	18	19	22	23	23	22	21	23	22	22	22	21	20	20	20	19	18	21	
27	26	25	19	19	18	17	17	18	19	22	23	23	22	21	23	22	22	22	21	20	20	20	19	18	21	
28	15	13	13	13	13	12	13	14	15	16	15	14	13	13	15	15	15	15	15	15	15	15	15	15	14	
29	15	15	15	15	15	15	15	15	17	18	19	24	25	25	25	27	27	27	31	32	31	29	25	22		
30	26	27	28	29	26	28	25	22	22	21	21	22	20	22	23	23	26	31	37	65	61	55	53	54	32	
31	55	47	49	58	47	40	39	33	25	22	22	21	19	19	19	19	20	21	21	21	20	21	21	21	29	
MEAN	29	28	28	28	27	26	27	27	28	28	29	28	28	28	28	29	30	30	29	30	31	30	30	29	29	
PERCENTAGE OF DATA VALID -	95																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION																	
STATION - 471 UNIVERSITY WINDSOR OAMST											NO 12008																	
											MONTH FEB 73																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	21	21	20	20	20	20	21	24	25	21	19	19	19	19	19	20	23	21	19	18	17	16	16	15	20			
2	16	15	15	15	15	14	16	19	21	21	22	19	23	26	24	21	23	23	24	25	25	25	25	24	21			
3	22	22	22	22	21	21	21	21	22	22	23	23	25	29	29	33	36	37	37	36	35	35	33	29	27			
4	25	23	24	23	21	21	22	22	23	23	22	23	25	25	25	25	23	25	28	37	39	36	31	29	26			
5	27	26	25	25	25	24	25	25	26	25	25	27	25	25	25	26	26	25	25	25	23	23	23	22	25			
6	23	23	22	22	21	22	23	23	25	23	24	25	24	25	27	29	28	29	31	32	29	29	29	30	26			
7	30	27	26	25	25	26	27	29	31	27	26	26	25	25	25	26	32	25	21	20	19	18	18	19	25			
8	17	17	15	16	15	15	17	17	19	18	14	11	11	11	12	13	15	17	17	15	13	13	13	13	15			
9	13	13	13	15	13	13	15	19	20	23	23	20	19	19	17	16	19	15	15	18	18	19	17	17	17			
10	19	21	20	19	17	17	17	15	16	13	13	13	13	13	13	13	11	11	11	11	11	11	12	11	14			
11	10	10	10	9	9	9	11	11	11	12	13	11	11	10	10	10	9	10	10	10	10	10	10	10	10			
12	10	10	9	9	9	9	10	11	12	11	11	17	17	12	13	15	17	17	15	15	14	14	14	14	13			
13	14	14	13	13	14	14	14	16	17	17	21	19	26	32	28	29	29	23	22	24	23	19	17	17	20			
14	17	15	15	14	15	16	16	19	21	20	19	17	18	18	18	17	17	17	17	15	16	18	17	15	17			
15	15	15	13	13	12	11	11	14	15	15	15	16	17	17	16	13	14	13	11	10	11	9	10	10	13			
16	9	9	9	9	9	9	10	11	13	11	11	11	11	13	13	13	15	15	15	15	15	15	15	15	12			
17	15	15	15	15	15	15	17	17	19	22	21	25	19	17	15	14	13	13	15	14	13	13	13	13	16			
18	15	17	21	19	19	17	14	19	17	15	14	13	14	13	11	11	11	11	11	11	11	11	11	11	14			
19	11	11	11	11	11	11	11	14	17	14	15	15	13	13	13	12	13	11	11	11	12	14	14	15	13			
20	13	14	13	12	13	15	19	19	20	18	17	17	17	17	17	17	17	16	13	13	13	13	12	14	15			
21	13	13	13	9	9	9	10	13	13	11	11	12	12	11	11	11	11	11	11	11	11	10	10	11	11			
22	10	11	11	11	11	11	13	15	21	18	15	13	13	14	13	13	23	12	14	13	15	13	11	11	14			
23	12	14	13	13	11	13	19	25	28	25	20	15	17	19	16	19	22	21	16	14	15	18	19	14	17			
24	13	13	11	11	11	12	13	13	13	13	13	14	14	14	13	13	14	14	13	14	13	14	13	13	13			
25	13	13	13	13	13	13	12	12	12	12	13	11	12	12	12	13	13	13	13	15	13	13	13	13	13			
26	13	13	15	15	15	15	14	15	25	13	13	13	13	14	14	17	23	21	17	18	19	19	20	22	17			
27	23	23	23	24	24	24	25	27	28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27			
28	- DATA MISSING -																											
MEAN	16	16	16	16	15	15	16	18	20	18	18	17	17	18	17	18	19	18	17	17	17	17	16	17				
PERCENTAGE OF DATA VALID -					94																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	20	23	23	22	23	26	25	23	21	19	22	19	24	***
2	27	31	29	24	22	17	22	27	24	21	17	16	16	15	15	15	17	19	26	25	29	35	34	23	23
3	35	33	32	28	27	25	26	27	27	31	31	31	29	31	31	29	31	32	29	27	23	23	28	35	29
4	29	29	29	28	25	24	23	23	23	23	23	23	22	22	23	23	22	23	23	24	24	23	23	23	24
5	21	21	20	19	19	19	19	20	20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	16	17	19	21	24	28	27	25	26	27	27	25	25	***
7	25	25	30	25	27	30	41	37	36	34	33	32	30	22	19	19	19	23	25	26	23	23	23	23	27
8	24	23	22	22	24	25	24	23	24	24	20	19	19	19	21	22	21	23	19	20	19	16	16	15	21
9	17	17	17	16	15	15	17	21	21	22	20	20	19	18	19	19	18	17	19	20	18	17	18	18	18
10	15	15	15	14	13	12	11	10	10	11	11	12	11	11	11	10	11	11	17	17	17	15	15	16	13
11	20	17	19	24	22	21	20	21	21	***	***	21	21	19	19	20	20	21	20	21	21	20	18	19	20
12	18	17	16	17	18	19	17	21	18	15	17	13	11	13	13	14	15	14	15	17	17	17	17	19	16
13	17	17	15	13	15	17	21	25	23	21	22	19	20	20	17	18	21	13	13	13	12	15	17	17	18
14	15	15	14	12	11	11	13	13	14	17	21	17	16	16	20	22	17	15	15	16	19	21	19	20	16
15	17	17	17	18	20	23	22	20	21	17	15	17	20	22	21	20	19	16	16	15	15	16	15	17	18
16	22	20	17	15	15	15	16	17	16	17	15	15	16	16	18	19	21	21	21	22	22	24	21	21	18
17	20	21	19	19	16	16	16	17	16	17	16	16	17	18	18	18	25	23	23	29	25	21	21	21	20
18	22	21	22	21	25	32	33	34	33	33	27	27	27	25	23	22	14	18	21	25	25	23	23	25	25
19	25	35	39	36	27	22	26	27	23	19	20	22	22	17	13	17	17	17	19	21	21	25	37	41	25
20	19	16	18	17	18	21	17	22	20	24	36	38	41	38	36	37	35	37	37	34	35	35	35	36	29
21	37	31	31	33	33	35	35	37	42	39	37	37	37	37	37	37	39	37	37	39	38	38	41	41	37
22	45	41	47	47	51	55	64	58	49	47	45	37	41	39	38	40	43	38	39	41	43	43	43	46	45
23	51	55	59	55	52	51	53	55	51	50	50	51	51	49	48	47	51	52	52	51	53	52	51	51	52
24	49	47	47	49	51	50	50	51	51	51	51	47	46	44	43	44	49	47	49	51	53	54	54	53	49
25	49	49	48	48	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	27	27	27	26	25	25	27	28	27	27	26	25	25	24	24	24	25	25	25	26	26	26	27	28	26

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	16	13	15	21	28	29	27	31	33	16	13	14	15	14	13	12	11	12	13	13	12	11	11	11	17
15	11	13	13	13	12	13	13	13	12	11	12	12	12	11	11	10	10	10	10	11	11	11	10	10	11
16	9	***	***	***	***	***	***	***	***	***	***	19	19	16	15	14	14	15	15	14	15	15	14	14	***
17	17	16	16	17	17	17	17	21	18	17	18	19	21	19	17	15	15	17	17	17	17	16	15	17	17
18	18	17	17	17	17	17	22	28	33	25	19	18	17	17	16	17	19	17	15	16	21	21	18	17	19
19	16	17	17	17	17	17	20	23	27	24	21	24	19	18	17	17	19	18	18	19	18	18	17	19	19
20	19	15	15	17	19	19	19	19	19	20	20	17	19	19	19	19	19	19	19	19	19	20	21	19	19
21	19	22	31	31	36	23	16	15	17	19	19	19	19	18	17	19	19	20	21	19	23	***	***	***	21
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	18	19	18	18	17	17	17	16	16	18	18	17	17	***
25	17	17	17	16	15	15	16	17	17	17	17	17	18	18	16	17	17	17	17	17	17	17	17	17	17
26	17	18	17	15	15	16	16	18	18	21	19	18	18	17	17	17	17	17	16	16	15	15	15	15	17
27	15	15	13	13	13	13	13	13	15	15	15	15	15	15	15	15	15	14	13	13	13	15	16	13	14
28	13	11	11	11	12	12	11	11	11	11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12
29	14	14	14	15	15	15	15	15	17	20	17	17	17	15	14	14	14	13	15	15	15	14	14	14	15
30	14	15	15	14	13	15	15	15	15	15	14	15	14	15	14	15	15	15	17	17	17	17	17	17	15
MEAN	15	16	16	17	18	17	17	18	19	18	17	17	17	16	15	15	16	16	16	16	16	16	15	15	16

PERCENTAGE OF DATA VALID - 47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	14	14	16	17	17	17	16	16	16	17	15	14	15	16	15	16	17	17	17	15	14	16
2	15	16	15	14	14	14	15	16	15	14	14	14	14	14	13	14	16	15	16	17	17	17	15	14	15
3																									
4																									
5																									
6	18	16	16	17	17	18	18	18	18	17	18	18	18	18	18	18	18	17	17	18	19	20	19	18	19
7	29	27	25	39	45	42	40	24	19	16	17	18	18	18	18	18	18	17	17	18	23	25	23	27	19
8																									
9																									
10																									
11	25	21							20	20	21	21	21	20	21	21	21	21	21	21	21	21	19	19	21
12	19	20	19	19	19	20	21	19	17	19	18	19	19	19	18	18	18	19	18	19	19	19	18	18	19
13	17	17	17	17	17	17	16	17	17	17	18	16	19	19	19	19	19	19	19	19	19	19	20	21	18
14	25	25	23	23	20	20	21	25	23	23	23	22	21	21	21	21	21	21	21	21	23	27	33	29	23
15	29								22	18	18	18	17	17	16	16	17	17	19	21	19	28	30	21	20
16	18	17	19	19	17	15	17	18	16	15	15	15	16	17	17	17	17	15	16	15	15	15	15	15	16
17	15	15	14	15	17	19	21	19	18	17	17	17	18	17	17	17	19	19	19	19	19	19	19	20	18
18	26	30	31	37	34	39	37	29	22	20	20	21	21	22	20	19	19	18	18	18	19	23	20	21	24
19	19	19	19	19	19	20	21	22	20	19	18	17	17	17	17	17	17	17	17	17	17	19	18	19	18
20	19	19	19	20	20	19	20	19	19	18	18	19	19	19	19	19	19	19	19	21	26	30	33	27	21
21	23	25	23	25	33	35	33	35	28	23	21	21	20	21	21	21	20	20	21	20	21	23	30	39	25
22	47	39	25	27	25	27	29	28	31	29	33	29	25	21	21	24	23	23	23	21	21	23	23	23	27
23	23	23	22	22	21	21	21	22	23	21	20	19	20	19	19	21	21	21	21	23	24	25	26	25	22
24	25	25	25	25	24	25	25	27		24	23	23	23	25	23	23	21	21	23	22	20	20	20	19	23
25	20	20	20	23	25	20	21	25	23	19	19	19	19	19	18	19	20	19	21	20	21	21	23	23	21
26	24	21	21	20	20	21	20	19	25	27	23	21	23	23	22	21	20	21	23	24	25	22	22	21	22
27	19	19	19	19	19	19	19	17	17	18	17	17	18	17	17	17	17	16	16	16	15	15	15	15	17
28	15	15	15	15	17	19	22	21	19	19	19	19	19	18	18	19	21	33	39	31	29	26	21	20	21
29	18	18	23	21	23	25	22	22	20	21	23	23	22	22	20	21	20	21	23	25	21	21	21	22	22
30	21	22	23	25	23	22	37	27	25	25	25	26	25	23	25	27	29	29	26	25	24	23	23	23	25
31	22	22	25	24	25	27	27	31	32	29	29	29	23	22	23	23	21	21	21	21	22	22	20	22	24
MEAN	22	21	21	22	22	23	23	22	21	20	20	20	20	19	19	19	19	20	21	21	22	22	22	22	21

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	21	23	28	23	23	25	26	27	25	23	21	19	19	19	16	17	19	19	19	19	21	21	23	23	22			
2	24	25	27	28	27	23	22	21	21	21	21	22	19	18	17	18	18	19	19	19	19	19	18	18	21			
3	19	19	19	19	19	19	21	20	21	19	19	18	18	18	18	18	20	19	17	***	***	***	***	***	19			
4	DATA MISSING														-													
5	DATA MISSING														-													
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	21	23	21	22	29	37	32	35	33	***		
7	29	24	28	21	20	23	23	27	25	22	18	17	16	17	17	17	17	17	23	23	28	27	23	24	22			
8	22	19	21	18	23	22	21	21	18	15	15	15	15	15	16	16	15	15	16	18	19	17	17	18	18			
9	16	17	18	17	21	19	18	18	17	18	19	19	18	17	18	17	17	17	17	19	22	25	25	33	19			
10	30	23	25	33	37	37	27	27	24	23	22	23	21	19	18	17	17	17	17	18	25	21	22	21	24			
11	23	20	25	24	27	27	24	28	22	23	23	21	20	18	19	21	20	19	20	24	21	23	21	23	22			
12	25	23	20	19	24	21	22	25	22	23	22	21	20	20	21	20	18	17	19	19	17	23	30	27	22			
13	21	18	18	17	17	18	19	19	19	20	21	21	21	21	19	20	20	20	20	22	23	22	23	25	20			
14	25	23	25	33	47	63	43	37	25	25	29	24	23	23	21	25	21	20	21	21	25	27	21	31	28			
15	27	27	25	23	24	27	29	25	21	21	20	21	21	21	21	19	19	19	19	20	19	19	19	19	22			
16	19	21	21	23	28	23	23	22	23	26	23	22	21	19	21	21	21	21	21	21	21	21	21	20	22			
17	19	19	19	19	19	19	20	20	20	20	21	19	19	19	19	19	20	20	21	21	20	19	20	21	20			
18	23	22	21	21	23	30	29	30	26	27	24	21	23	21	19	23	20	21	19	22	21	23	23	21	23			
19	21	20	20	21	21	23	22	22	22	22	21	21	21	21	21	21	20	19	19	18	18	20	23	25	17			
20	20	19	21	21	21	23	22	25	22	21	21	21	21	21	21	22	21	21	22	21	27	33	51	79	26			
21	65	37	33	37	51	30	33	38	32	29	25	23	22	22	23	22	21	20	20	21	22	26	34	33	30			
22	37	33	29	31	32	28	27	25	24	23	25	21	21	20	20	21	20	20	20	20	21	22	23	23	24			
23	23	23	22	22	25	25	25	24	23	21	21	22	21	23	21	21	21	21	22	23	27	25	21	21	23			
24	21	21	27	28	20	25	22	21	21	22	22	22	21	21	21	21	21	22	21	22	22	22	23	21	22			
25	21	23	27	25	25	25	24	25	25	22	28	24	25	25	25	22	17	16	16	16	17	17	18	19	22			
26	18	17	17	17	17	29	19	21	***	30	35	35	27	19	17	19	18	21	23	17	14	15	17	17	21			
27	17	16	17	17	16	17	17	19	30	17	17	16	15	15	16	16	15	16	17	17	14	14	14	14	17			
28	13	13	15	16	15	14	16	17	23	22	19	17	23	25	17	15	14	16	17	17	16	16	16	17	17			
29	15	15	13	13	13	13	15	15	15	15	18	16	16	18	18	17	17	18	17	18	20	23	25	17	17			
30	24	23	22	23	25	29	29	23	19	18	17	18	17	16	16	16	16	15	17	17	18	21	21	27	20			
MEAN	24	22	22	23	24	25	24	24	23	22	22	21	20	20	19	19	19	19	19	20	21	22	23	25	22			

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	14	15	15	15	15	15	19	19	15	15	13	11	15	17	16	15	15	14	16	15	15	14	13	10	15
7	16	16	18	20	18	19	23	21	21	17	15	15	19	17	19	17	16	15	15	17	16	18	18	15	18
8	19	20	18	16	17	18	19	19	15	15	13	14	19	18	17	17	17	17	17	17	16	15	14	15	17
9	21	17	15	15	16	17	17	17	14	14	13	11	15	16	15	15	15	14	15	15	16	15	16	16	15
10	18	26																			17	19	17	19	
11	21	20	19	17	19	17	18	17	16	15	13	12	17	15	15	15	15	13	13	14	14	12	12	12	15
12	15	14	14	14	15	21	25	33	23	15	14	13	18	17	17	17	17	17	19	24	43	41	43	57	23
13	47	48	55	56	71	56	69	57		27	15	11	11	10	11	12	13	10	11	13	11	11	12	9	28
14	9	10	10	10	10	12	16	17	17	15	13	13	11	11	11	11	10	10	11	13	14	12	14	14	12
15	14	18	25	26	30	34	37	32		16	13	12	11	9	10	9	9	10	11	10	10	9	11	11	16
16	11	11	11	10	9	11	11	10	10	10	11	10	10	10	10	10	11	11	11	11	11	13	12	13	11
17	15	16	15	13	12	13	12	12	11	11	11	9	13	17	16	20	18	19	21	21	19	17	16	14	15
18																									
19	23	25	42	44	33	45	29	23	19	17	15	13	13	13	11	13	13	13	15						22
20									15	12	12	13	14	14	15	15	15	13	15	15	14	14	15	17	14
21	17	15	14	15	16	21	25	21	16	16	17	17	18	17	17	19	17	16	16	17	15	15	15	16	17
22	16	16	15	15	15	16	17	18	18	16	15	15	15	16	15	13	15	17	19	19	21	20	19	22	17
23	25	32	33	25	28	23	20	19	17	17	16	17	17	17	17	17	17	17	17	17	15	16	18	19	20
24	21	21	20	22	23	25	34	37	24	19	17	17	19	18	17	18	17	17	17	19	19	19	18	18	21
25	18	19	18	18	19	23	25	25	22	21	20	16	16	17	15	16	17	15	15	17	19	17	17	21	19
26	19	17	17	17	18	18	21	21	19	17	18	18	17	16	14	15	14	14	15	15	15	15	15	16	17
27	15	15	16	20	20	20	20	23	21	21	21	17	15	14	13	14	15	18	17	15	15	15	14	14	17
28	14	13	14	13	13	13	15	17	16	17	15	15	15	17	17	21	23	18	17	23	25	22	19	17	17
29	16	24	36	35	36	31	23	19	17	16	18	17	15	15	12	13	12	11	11	12	12	12	13	13	18
30	10	9	9	9	9	9	11	11	11	11	11	10	10	10	10	10	10	10	11	12	10	11	11	11	10
MEAN	18	19	20	20	21	22	23	22	17	16	15	14	15	15	14	15	15	14	15	16	17	17	17	17	17

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	11	13	12	13	13	17		15	14	12	13	14	16	13	14	12	12	11	11	12	11	11	13
2	9	9	8	7	8	8	12	12	13	8	7	7	6	6	7	7	17	16	17	17	22	17	17	19	12
3	16	18	17	17	20	24	32	40	20	20	20	20	21	23	23	25	25	25	34	45	43	49	52	30	27
4	23	20	17	15	15	17	25		22	17	16	16	15	21	18	16	17	16	15	15	16	17	16	14	17
5	13	13	13	13	13	14	17	19	17	15	14	15	15	16	16	16	16	16	22	36	43	41	42	43	21
6	48	53	44	47	54	65	65	61	33	20	12	9	9	9	9	9	9	13	16	16	17	16	16	15	28
7	15	15	14	17	16	17	15	15	16	16	13	11	10	10	10	10	11	13	15	15	15	14	14	15	13
8	14	14	14	14	17	19	14	13	11	10	11	11	11	11	10	11	11	13	15	15	15	14	14	15	13
9	14	17	16	17	15	13	14	19	17	17	16	15	15	18	17	17	15	16	15	13	12	12	13	13	16
10	14	15	15	18	15	15	15	22	20	21	21	15	14	12	11	11	10	11	15	11	13	11	9	9	14
11	13	11	11	11	11	12	13		25	27	29	21	20	19	19	19	17	19	19	19	18	17	17	17	18
12	17	17	16	17	19	19	20	27	20	17															
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20	23	22	19	21	21	21	20	21	22	22	24	15	15	15	16	19	21	23	23	23	23	24	25	28	26
21	40	35	25	27	31	25	27	26	23	23	25	27	29	30	30	29	27	27	28	29	27	29	30	41	29
22	30	33	33	33	35	58	59	69	71	50	39	20	11	11	11	11	11	14	19	22	24	20	17	19	30
23	17	27	34	47	63	40	52	68	70	42	42	26	16	13	11	11	11	15	21	21	17	19	19	19	30
24	18	18	18	17	21	27	27	31	23	19	17	16	15	14	15	12	10	11	12	12	13	12	15	13	17
25	11	10	10	9	9	11	12	13	15	13	15	15	15	13	15	15	13	15	13	13	13	13	13	12	13
26	13	13	13	14	14	16	16	17	14	14	15	16	18	19	17	19	17	16	17	20	21	21	19	20	17
27	22	29	33	30	30	26	29	31	22	18	17	19	16	15	15	15	15	14	13	13	12	12	11	11	20
28	11	11	11	11	10	11	12	13	14	14	15	14	12	12	12	12	12	13	13	14	15	15	15	15	13
29	15	15	17	14	14	15	15	15	17	18	18	17	15	15	15	15	16	15	15	14	15	15	15	14	15
30	14	14	14	13	13	13	15	16	17	17	17	17	17	17	17	17	18	17	17	18	17	16	16	16	16
31	15	15	13	12	13	13	13	15	17	15	13	15	15	15	15	16	19	16	13	12	12	12	13	11	14
MEAN	18	19	18	19	20	21	23	26	24	19	19	16	15	15	15	15	16	16	17	19	19	19	19	19	19

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	11	11	11	11	11	11	13	13	13	13	16	17	17	17	18	17	19	18	19	17	17	15	15	15
2	15	15	19	17	15	14	17	21	21	17	17	18	22	22	21	23	24	20	17	15	15	15	15	15	18
3	17	16	16	16	15	14	15	16	17	17	21	21	23	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	18	19	19	17	16	16	17	16	15	14	13	13	14	15
5	***	***	***	***	***	***	***	***	***	***	***	18	19	19	17	16	16	17	16	15	14	13	13	14	15
6	13	13	11	11	11	11	11	12	13	15	17	21	22	22	21	19	19	20	20	20	20	19	20	20	17
7	19	17	17	18	20	25	30	35	39	27	25	23	23	21	19	18	17	17	19	19	18	16	16	15	21
8	14	14	14	14	14	15	14	15	17	16	15	15	16	17	17	17	17	16	16	15	15	14	14	14	15
9	13	13	13	13	13	13	14	14	15	15	15	17	18	19	19	19	21	21	20	18	17	17	16	16	16
10	16	16	15	15	15	14	15	15	15	16	18	18	19	18	17	17	18	22	32	25	29	27	23	24	19
11	22	32	31	27	21	22	17	15	13	13	14	14	13	13	13	14	15	15	15	14	14	15	17	16	17
12	17	17	17	17	14	13	16	16	17	17	17	16	16	17	15	15	15	17	17	16	15	15	15	15	16
13	15	16	16	17	15	15	16	17	19	***	***	17	17	19	22	22	25	23	25	21	19	18	19	20	19
14	19	19	19	19	18	24	25	29	31	35	32	30	30	30	30	31	35	39	33	33	24	21	18	19	27
15	23	21	19	16	15	15	17	20	22	20	21	21	22	25	32	33	32	31	29	27	21	19	18	19	22
16	17	17	16	16	***	***	***	***	19	21	21	21	22	22	21	20	20	21	20	21	23	21	21	21	20
17	22	20	20	21	19	21	23	21	23	22	23	22	22	21	21	19	19	22	24	23	24	19	17	18	21
18	17	15	16	16	17	16	16	15	13	15	16	15	16	20	18	17	21	19	25	31	32	35	36	39	21
19	36	41	41	43	42	41	58	59	45	37	31	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	21	21	21	20	21	22	25	29	33	28	28	27	26	27	25	27	25	23	23	23	25	26	26	25	25
23	25	25	24	25	25	29	33	40	68	53	45	49	40	34	31	30	27	25	23	23	20	23	21	19	32
24	18	17	17	17	17	17	17	17	17	19	19	22	22	21	23	14	12	13	13	13	15	15	15	15	17
25	16	16	15	15	15	14	14	15	15	15	15	13	15	15	14	14	14	14	14	15	14	13	13	13	14
26	14	15	15	14	14	15	15	17	21	19	17	15	15	16	15	17	19	17	16	16	16	15	17	17	16
27	17	17	17	17	17	19	19	25	25	22	20	20	20	19	20	23	22	21	25	24	15	14	13	13	20
28	14	14	14	13	11	11	9	11	11	12	13	13	11	11	11	11	11	11	9	9	9	9	9	9	11
29	9	9	8	7	7	7	7	9	11	12	13	16	14	13	13	13	13	12	11	9	7	7	7	7	10
30	5	7	7	7	7	7	8	10	12	14	15	18	18	15	15	15	15	15	15	18	16	15	15	17	13
MEAN	17	17	17	17	16	17	18	20	22	20	20	20	20	20	19	19	19	20	19	19	18	18	17	18	19

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	14	13	11	11	11	11	11	11	13	15	19	18	18	17	16	16	17	15	15	13	13	13	14
2	12	13	13	11	11	10	10	11	11	11	13	14	15	16	15	14	15	15	15	16	15	15	15	17	13
3	19	23	19	17	18	20	25	21	24	29	21	22	23	24	23	22	22	20	21	24	25	25	23	19	22
4	21	23	20	21	20	19	19	23	27	29	28	25	24	27	25	19	19	16	16	16	15	16	15	15	21
5	14	15	17	16	15	15	16	15	17	17	17	17	16	16	15	15	15	15	13	13	13	12	13	13	15
6	13	13	13	13	14	14	14	15	15	15	16	16	17	19	19	19	21	20	19	19	20	21	20	21	17
7	21	19	20	21	21	23	23	23	25	27	28	28	29	31	29	28	31	31	29	28	27	28	27	25	26
8	24	23	22	21	21	21	21	28	25	23	23	21	21	22	23	24	23	25	24	25	25	25	26	27	23
9	26	27	27	24	24	24	31	33	33	31	26	25	25	25	27	29	25	23	22	23	24	23	22	21	26
10	21	21	21	21	21	21	21	21	23	20	19	20	19	17	16	15	17	17	17	17	15	15	15	15	19
11	15	15	16	17	18	19	19	20	20	17	17	19	21	19	18	18	21	19	17	17	16	14	14	15	18
12	15	17	16	16	16	16	19	19	18	19	18	17	17	17	16	15	17	21	21	22	30	35	29	21	20
13	19	20	19	19	19	21	19	19	19	19	19	19	20	19	22	24	21	20	18	17	16	16	16	16	19
14	15	15	15	16	17	17	17	18	19	19	20	23	23	21	19	17	15	15	15	13	13	13	11	11	17
15	11	11	10	9	9	10	10	11	11	12	13	15	15	16	16	16	15	14	14	13	12	11	11	11	12
16	11	9	10	9	9	11	11	11	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	12
17	12	12	13	13	13	13	13	15	17	16	17	18	19	21	21	21	21	21	18	17	16	15	13	14	16
18	13	13	15	15	15	15	17	19	21	25	29	29	29	29	29	29	46	43	41	37	36	35	35	35	27
19	33	31	29	29	30	31	32	30	29	31	29	16	16	16	17	17	18	17	16	15	14	15	15	14	22
20	14	13	13	13	13	15	16	19	21	20	17	17	17	16	17	16	16	15	14	14	13	13	13	13	15
21	13	13	13	13	13	15	15	16	17	21	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	17	17	17	17	17	17	18	19	20	20	19	19	19	20	19	19	21	20	19	19	19	19	18	17	18

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	29	42	66
FEB	27	17	27	39
MAR	25	26	52	64
APR	15	16	21	36
MAY	27	21	27	47
JUN	28	22	30	79
JUL	30	20	27	50
AUG	28	19	29	80
SEP	26	17	28	71
OCT	25	19	30	71
NOV	28	19	32	68
DEC	21	18	27	46
YEAR	311	20	52	80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	73	379	250	5	0	0	0	707
FEB	42	401	175	17	0	0	0	0	635
MAR	3	190	206	143	1	0	0	0	543
APR	7	298	28	6	0	0	0	0	339
MAY	0	280	289	26	0	0	0	0	595
JUN	0	235	383	30	3	0	0	0	651
JUL	0	407	238	51	0	0	0	0	696
AUG	1	428	146	39	4	0	0	0	618
SEP	44	426	69	28	2	0	0	0	569
OCT	34	385	108	39	8	0	0	0	574
NOV	28	385	162	42	1	0	0	0	618
DEC	11	302	148	21	0	0	0	0	482
YEAR	170	3810	2331	692	24	0	0	0	7027

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	5	12.4	15.3	18.2	21.8	30.1	35.2	43.9	50.7	80	20.5

UNITS - PARTS PER TEN MILLION

UNITS - PARTS PER TEN MILLION

PERCENTAGE OF DATA VALID - 56

UNITS - PARTS PER TEN MILLION

UNITS - PARTS PER TEN MILLION

MONTH FEB 73

MONTH FEB 73

MONTH FEB 73

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - VICTORIA ST SARNIA OAMST												MONTH MAR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	24	30	25	28	36	43	30	37	***	34	32	32	36	32	31	36	29	29	45	31	31	35	27	32
2	23	23	28	26	32	22	19	24	27	25	28	29	29	30	30	30	30	30	30	30	30	30	30	30	30
3	- DATA MISSING -																								
4	- DATA MISSING -																								
5	15	15	15	15	16	16	16	16	23	20	29	21	16	19	20	17	18	15	15	13	17	12	11	10	17
6	15	15	15	15	16	16	16	16	23	20	29	21	16	19	20	17	18	15	15	13	17	12	11	10	17
7	10	10	10	10	10	10	10	13	14	17	15	13	13	15	15	17	18	18	17	17	15	15	21	28	15
8	32	25	21	19	20	23	22	18	17	18	19	20	20	20	21	20	19	17	15	15	17	18	16	16	20
9	18	19	22	20	18	18	17	21	22	***	***	18	19	19	19	21	23	22	21	19	18	16	16	17	19
10	17	16	17	17	17	17	17	17	19	20	22	20	18	19	20	21	21	20	21	20	16	21	21	16	19
11	15	14	14	14	13	12	12	12	12	12	12	12	12	12	12	9	8	11	16	16	17	10	10	10	12
12	10	11	11	11	11	11	11	13	14	17	18	17	17	17	15	15	16	16	14	14	15	15	15	15	14
13	14	14	16	16	15	15	19	17	17	19	17	17	17	20	22	18	18	17	17	16	16	16	16	17	17
14	15	15	15	16	16	16	16	16	16	17	17	18	18	20	21	22	17	18	18	16	16	22	20	23	18
15	21	25	33	38	36	25	30	25	22	28	29	21	17	17	17	17	17	17	17	17	17	17	18	17	22
16	17	16	16	18	18	18	18	17	***	***	18	19	19	21	20	18	19	20	18	17	17	17	17	16	18
17	14	14	14	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	13	13	14	14	14
18	14	13	13	13	13	13	13	13	13	13	13	14	15	15	15	15	15	15	15	15	15	15	15	16	14
19	16	16	16	16	16	16	16	16	18	***	18	19	19	19	20	20	20	19	18	16	16	18	19	17	18
20	17	17	17	18	17	19	22	23	22	20	20	20	20	20	20	20	20	19	17	17	19	18	17	17	19
21	18	20	21	20	20	20	20	20	20	21	21	21	21	20	21	21	21	21	19	19	19	19	19	20	20
22	20	19	20	20	21	22	21	19	19	23	23	21	21	22	22	20	20	20	22	23	24	24	24	27	22
23	25	25	24	23	23	21	25	29	26	16	14	16	16	14	13	12	12	13	12	13	13	21	21	22	19
24	34	31	34	22	20	29	67	47	53	44	31	20	14	14	14	16	16	15	13	13	15	17	17	18	26
25	16	17	17	15	14	13	15	15	16	16	16	13	13	12	12	13	14	14	15	15	17	17	16	16	15
26	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	15	14	15	15	15	15
27	15	15	15	15	15	16	18	18	18	***	16	16	17	19	21	18	17	18	15	15	18	16	16	17	17
28	16	16	17	15	15	15	15	15	17	18	18	17	18	21	20	21	20	19	19	19	19	19	19	19	18
29	20	19	19	19	15	20	16	18	16	***	29	26	28	26	26	24	27	24	27	25	25	26	28	25	23
30	23	23	19	21	28	27	20	24	23	20	22	22	22	20	23	20	21	23	21	20	20	20	20	19	22
31	18	18	18	18	17	16	18	18	18	21	21	21	21	22	22	22	23	23	23	24	20	20	20	18	20
MEAN	18	18	19	18	18	18	20	19	20	20	20	19	18	19	19	18	19	18	18	18	18	18	18	18	19
PERCENTAGE OF DATA VALID -												89													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - VICTORIA ST SARNIA OAMST												MONTH APR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
2	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
3	15	17	13	12	12	12	14	14	16	16	16	18	19	19	19	19	20	18	18	18	15	16	16	16	16
4	15	15	14	14	12	15	16	16	16	16	16	22	21	21	21	21	21	19	19	19	19	18	18	18	18
5	18	18	18	18	18	18	19	19	19	19	19	15	15	15	15	15	18	19	19	17	16	16	16	20	17
6	46	58	26	16	16	16	16	17	21	24	23	24	21	20	18	17	16	16	16	18	19	19	19	18	22
7	15	15	15	14	13	13	14	15	15	15	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14
8	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	13	13	13	13	13
9	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	18	14
10	15	17	17	15	15	15	15	16	16	18	19	18	18	18	17	17	17	17	17	14	14	14	14	14	16
11	14	17	16	16	18	18	18	18	16	17	17	17	17	17	18	18	17	17	17	17	17	19	19	19	17
12	18	19	17	18	17	18	18	17	16	16	17	17	17	17	16	16	17	17	15	15	17	17	17	19	17
13	20	17	17	16	16	15	16	16	17	17	18	17	18	18	18	18	17	17	17	15	15	18	19	21	17
14	17	21	31	38	30	27	27	28	23	19	19	18	18	18	19	19	19	19	16	15	15	15	16	16	21
15	15	15	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17	14	14	14	14	14	14	14	16	17	17	18	20	20	21	21	23	23	23	19	23	25	19	16	16	18
18	16	16	16	17	19	18	20	39	46	29	28	27	27	25	26	21	23	20	18	23	18	18	18	19	23
19	17	17	17	17	17	17	16	16	17	20	20	20	22	19	18	18	18	18	18	19	19	18	18	18	18
20	17	18	18	18	18	18	18	18	18	18	19	20	18	18	18	17	17	17	17	19	21	20	19	19	18
21	19	19	19	19	23	28	26	23	26	32	34	36	37	35	38	35	38	38	30	39	46	30	30	43	31
22	49	43	31	40	36	31	56	40	51	37	31	26	35	37	27	16	16	13	13	16	16	17	17	16	30
23	16	16	16	17	19	24	24	25	28	28	26	26	27	28	26	36	40	43	29	18	16	17	16	16	24
24	16	16	16	16	16	16	18	22	19	20	21	23	19	19	19	19	19	19	18	18	22	23	22	23	19
25	23	22	21	20	20	21	20	19	19	16	16	16	15	15	15	15	13	12	12	12	14	13	14	17	
26	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14
27	12	12	12	12	12	11	10	10	11	11	11	13	13	13	13	11	13	13	13	13	13	11	10	10	12
28	10	10	9	9	11	11	12	12	12	12	14	14	14	14	14	15	14	14	13	13	13	14	17	17	13
29	14	14	15	13	13	15	15	14	14	14	14	14	14	14	14	13	13	16	14	16	15	12	14	13	14
30	12	12	12	12	12	12	13	14	17	17	20	20	21	18	16	18	18	17	17	18	16	16	16	16	16
MEAN	18	18	17	17	17	17	19	19	20	19	19	19	19	19	18	18	19	19	17	18	18	17	17	18	18
PERCENTAGE OF DATA VALID -					90																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	16	16	18	18	***	25	25	26	34	30	31	35	25	26	26	28	32	32	30	24
2	27	32	32	28	24	21	23	23	24	26	28	40	32	28	25	24	37	37	30	20	20	19	22	21	27
3	21	20	20	20	19	19	21	21	21	21	22	22	22	22	22	22	22	***	22	23	22	21	***	22	21
4	21	***	21	21	***	20	20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5																									
6																									
7																									
8																									
9	32	16	15	15	15	15	15	15	15	17	19	19	18	19	19	18	18	18	15	15	16	21	26	41	19
10	38	40	23	24	18	16	18	27	24	35	33	22	25	24	21	19	21	24	15	15	15	15	16	18	23
11	31	22	31	20	15	14	16	16	16	16	17	17	17	17	17	19	25	19	17	17	18	19	17	16	19
12	21	25	18	14	14	14	14	15	17	19	19	19	19	19	19	19	18	17	16	15	15	15	17	16	17
13	15	15	15	13	13	13	13	13	13	13	14	14	14	14	14	15	17	16	15	14	20	21	20	16	15
14	16	19	23	21	19	20	23	21	17	18	16	16	16	16	17	18	16	14	16	15	18	25	29	24	19
15	25	27	30	22	17	18	18	18	18	18	18	18	19	19	19	18	18	17	20	17	29	47	49	31	24
16	58	60	48	29	24	41	39	31	36	27	30	29	19	19	19	17	16	16	16	18	17	17	17	16	27
17	16	16	18	18	20	19	18	19	18	19	19	21	18	18	18	18	17	16	16	17	17	16	16	20	18
18	19	19	24	24	21	22	21	***	18	18	16	16	17	16	16	17	17	17	15	15	16	18	15	15	18
19	17	22	18	21	22	20	21	19	27	27	23	20	20	18	18	18	18	18	18	18	16	16	16	16	20
20	16	21	19	16	16	16	16	16	16	16	16	16	15	15	15	15	13	13	13	13	16	16	16	17	16
21	18	20	23	21	23	23	26	21	18	16	16	16	16	16	16	16	16	16	16	20	26	27	24	27	20
22	35	28	21	21	22	22	22	30	32	22	20	18	19	19	19	22	22	20	22	18	19	17	16	18	22
23	19	17	17	19	15	14	14	16	17	20	21	20	19	19	19	17	17	18	16	14	14	13	13	14	17
24	16	15	15	14	14	14	15	15	16	16	17	19	22	22	22	24	24	22	18	17	17	16	18	17	18
25	16	16	16	15	***	***	15	***	***	18	20	23	23	28	22	18	18	18	18	23	19	16	16	15	19
26	18	16	16	16	14	14	14	16	22	22	22	20	21	18	20	20	18	16	17	19	21	24	27	20	19
27	16	16	15	15	15	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
28	15	15	16	16	18	18	19	22	22	29	23	27	28	25	22	27	20	20	23	19	16	16	18	20	21
29	27	21	20	20	20	19	18	19	19	***	***	19	17	17	17	17	17	15	15	15	17	15	15	15	18
30	16	16	14	14	13	13	14	15	16	16	20	19	20	20	20	21	19	17	16	16	17	16	18	18	17
31	16	16	15	15	15	15	15	15	15	17	17	22	23	17	17	17	15	15	15	18	28	31	27	19	18
MEAN	22	22	21	19	18	18	18	19	20	20	20	20	20	20	19	19	19	18	18	18	21	21	21	20	20

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	31	18	15	15	15	18	20	25	28	21	20	19	19	19	19	17	15	18	15	16	16	19	18	19
2	23	20	17	17	16	16	16	17	18	17	17	17	17	20	20	15	15	15	17	19	14	14	14	14	17
3	15	15	15	15	15	15	15	15	15	16	17	17	17	17	16	17	16	16	16	18	18	18	18	18	16
4	24	40	49	50	42	44	44	42	20	17	32	29	18	19	19	22	20	19	19	30	29	31	29	26	30
5	17	18	16	16	14	16	16	19	33	28	22	18	19	29	24	20	17	15	15	15	31	28	18	19	20
6	25	32	27	29	22	37	34	40	***	***	19	22	23	21	25	28	19	19	19	27	33	34	49	47	29
7	37	28	29	30	29	55	37	32	30	26	23	24	27	30	32	32	26	26	38	23	21	20	35	54	31
8	60	68	47	28	30	45	36	29	27	***	28	29	31	32	30	27	25	23	23	24	25	38	36	30	34
9	48	25	16	16	16	16	16	18	20	19	21	20	19	21	19	19	18	18	18	18	18	18	18	18	20
10	20	26	30	26	46	38	50	40	39	30	25	21	20	21	23	24	18	14	14	17	26	25	23	47	28
11	39	24	34	40	34	43	64	32	23	20	19	22	18	18	15	14	14	13	13	15	19	20	15	35	25
12	55	63	70	47	19	22	21	22	20	23	23	20	20	22	20	20	18	15	14	14	16	16	15	15	25
13	15	15	15	15	14	14	14	15	17	17	17	17	17	17	19	18	17	15	14	14	17	17	17	17	16
14	17	21	25	26	34	30	30	28	22	20	20	19	20	20	20	20	18	17	17	17	19	22	18	34	22
15	51	59	50	56	59	47	58	35	27	26	26	25	24	25	25	26	21	17	18	18	22	20	18	24	32
16	36	39	50	36	31	47	25	23	22	21	19	17	18	18	18	16	15	15	13	13	14	15	14	13	23
17	12	14	12	12	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	15	14	15
18	15	15	15	15	15	15	18	20	20	18	19	22	25	25	25	21	19	18	17	19	20	21	20	18	19
19	18	18	17	16	16	16	18	19	21	22	26	20	22	21	20	24	19	17	16	17	19	24	23	29	20
20	34	37	41	33	32	25	16	16	22	24	22	22	24	25	22	30	35	29	23	22	22	26	27	30	27
21	30	36	31	31	31	29	27	25	27	25	21	20	22	20	22	22	21	18	18	22	28	36	56	90	30
22	54	43	25	23	25	23	21	21	22	23	22	21	22	22	21	21	20	20	18	17	18	18	20	20	23
23	39	25	20	20	20	21	21	21	21	21	21	21	21	21	24	24	22	26	29	24	25	18	19	18	23
24	20	35	32	20	20	20	21	19	19	18	18	17	17	17	17	17	17	17	17	17	19	21	21	23	20
25	27	40	46	45	41	34	26	23	30	25	20	20	20	20	20	21	20	18	18	21	23	22	19	20	26
26	21	18	18	20	21	22	22	27	28	30	31	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27																									
28																									
29																									
30																									
MEAN	30	31	29	27	26	28	27	24	23	22	22	21	21	21	21	21	19	18	18	19	21	22	23	28	23

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	18	16	18	34	22	45	58	51	34	25	31	25	22	15	17	15	14	11	11	11	13	15	21	23	
6	11	11	14	14	14	14	18	15	14	14	13	14	13	14	12	10	9	8	7	6	10	16	22	19	13
7	17	15	11	31	36	23	18	15																	
8	30	30	31	23	27	30	26	18	17	17	18	17	23	25	23	20	19	19	23	39	53	55	48	55	29
9	61	46	37	26	30	31	24	21	16	14	14	13	11	11	11	10	10	9	10	11	14	15	15	15	20
10	14	12	12	12	12	12	12	14	14	14	13	14	14	15	14	14	14	14	12	11	10	11	10	11	13
11	13	17	28	49	23	30	46	39	34	23	17	23	23	18	18	18	17	17	14	13	13	14	14	14	22
12	13	13	13	14	13	13	13	14	14	15	15	14	15	15	15	15	16	16	14	14	14	15	17	23	15
13	31	25	18	18	19	19	19	22	25	26		29	29	31	30	32	29	29	28	27	28	29	28	27	26
14	35	36	39	45	32	29	29	33	33																
15																									
16																									
17	23	31	30	25	23	25	25	28	23	21	21	20	20	20	20	22	22	21	19	19	19	21	21	22	23
18	25	35	71	61	33	30	42	49	34	34	34	26	24	25	23	22	23	24	21	22	21	22	26	26	31
19	39	28	25	34	36	69	36	56	59	31	28	30	25	23	23	25	23	25	24	33	42	41	34	37	34
20	41	26	21	21	22	18	17	17	17	18	19	21	23	22	21	20	21	23	19	19	21	18	19	18	21
21	18	18	17	17	17	17	17	17	17	17	17	18	18	18	19	18	17	17	16	17	19	17	19	19	17
22	17	20	23	23	21	18	18	18	18	17	17	18	18	17	17	18	18	18	18	18	18	18	18	20	19
23	18	17	16	16	16	17	18	20	21	21	21	20	20	20	20	20	20	21	21	21	21	21	19	19	19
24	19	17	17	24	18	17	16	17	17	18	19	19	19	19	20	19	19	18	19	19	21	21	20	21	19
25	20	26	28	24	37	30	30	31	23	23	22	23	22	19	22	20	32	35	18	41	32	23	21	18	26
26	16	17	18	22	27	29	23	27	21	24	23														
27																									
28	25	18	13	13	13	13	28	17	21	14	14	14	14	13	14	16	14	13	13	14	14	13	13	13	15
29	12	13	12	12	12	12	12	12	12	12	12	12	12	11	12	13	13	13	13	13	15	27	27	29	14
30	20	25	30	23	22	15	15	17	30	31	27	20	17	18	15	16	17	17	16	17	13	17	15	16	20
31	17	16	16	15	16	39	24	22	23	18	19	17	15	17	18	17	19	17	16	14	16	16	18	14	18
MEAN	23	22	23	25	23	25	24	25	23	20	20	19	19	18	18	18	18	18	16	19	20	22	22	22	21

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	13	11	10	10	11	12	13	11	11	15	15	22	22	26	19	26	17	16	14	13	13	14	15	15	15	
2	13	13	13	17	14	14	13	13	13	15	15	18	19	16	17	15	14	16	17	17	14	14	13	13	15	
3	13	11	11	11	11	11	12	15	16	15	17	18	17	17	18	18	18	17	16	15	19	18	22	30	16	
4	40	33	22	23	26	16	15	15	15	15	14	14	15	11	13	14	13	13	10	11	12	14	18	22	17	
5																										
6																										
7																										
8																										
9	30	18	13	16	42	30	18	17	29	30	47	23	22	22	19	17	15	14	22	34	43	48	34	22	26	
10	19	15	17	19	42	48	42	22	25																	
11	23	43	49	41	48	26	26	26	23	26	23	21	21	20	23	28	21	22	20	27	30	30	27	23	28	
12	23	19	19	21	21	19	21	20	19	17	17	17	16	17	17	17	17	16	17	18	19	24	23	30	19	
13	42	69	67	37	53	55	51	45	42	29	24	22	21	21	21	21	19	18	18	20	23	27	45	52	35	
14	61	49	33	26	30	29	35	30	26	23	20	20	20	19	19	20	19	19	18	19	20	18	18	18	25	
15	18	17	17	17	17	17	18	19	19	21	21	22	21	22	23	23	22	21	21	21	22	21	21	21	27	
16	26	23	23	26	24	27	26	26	26	27	30	26	27	29	34	33	31	27	30	33	26	30	32	30	26	
17	29	25	25	22	21	21	23	23	26	29	25	22	21	21	25	24	23	22	21	21	24	24	26	28	24	
18	38	34	25	22	22	22	24	25	22	21	20	21	21	20	19	20	21	21	21	21	22	21	24	23	23	
19	23	23	23	22	21	26	26	22	22	19	18	18	18	18	18	18	18	18	19	21	25	29	25	25	21	
20	35	44	41	20	18	19	18	19	21	21	20	18	18	18	18	19	17	16	17	17	16	17	16	21		
21	16	15	17	17	15	14	17	14	16	17	17	17	17	18	18	17	17	17	17	17	15	15	15	14	16	
22	17	16	16	18	18	20	18	18	17	16	15	16	17	17	18	18	19	18	18	19	24	26	27	23	19	
23	23	23	54	60	91	96	61	71	33	23	23	23	23	21	22	20	21	19	21	19	20	20	20	19	35	
24	18	18	19	19	18	18	18	21	19																	
25	46	39	31	29	31	28	30	28	24	26	25	27	25	24	25	24	23	21	21	22	22	44	22	22	27	
26	31	33	47	46	35	29	50	37	23	23	25	23	22	22	21	23	25	31	38	25	23	24	25	46	30	
27	54	43	43	32	33	26	26	23	23	24	25	26	26	26	25	26	27	24	27	27	27	27	27	26	25	29
28	25	25	25	23	23	23	23	25	25	23	23	27	26	27	28	28	27	26	29	31	41	35	31	31	27	
29	30	31	31	30	29	27	27	29	36	27	27	27	28	28	29	30	31	33	34	35	34	34	51	42	32	
30	45	37	36	37	35	34	38	34	31	29	30	30	32	29	34	25	26	25	45	31	37	52	36	25	34	
31	22	18	15	15	22	24	42	48	43	25	21	22	27	31	27	27	24	25	27	30	31	31	29	23	27	
MEAN	29	28	27	25	29	27	27	26	24	23	22	22	22	22	22	22	21	21	22	23	24	26	26	27	24	

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION															
		STATION - VICTORIA ST SARNIA OAMST										NO 14049															
												MONTH SEP 73															
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		22	21	22	33	25	27	25	43	47	23	22	25	23	23	21	21	19	18	27	43	38	53	34	38	29	
2		31	41	31	58	39	33	30	25	21	18	17	15	15	17	18	19	20	22	35	35	35	31	47	53	29	
3		60	61	44	27	21	35	54	58	39	23	18	16	17	18	18	19	21	20	20	20	21	34	40	22	30	
4		19	18	19	39	21	27	30	29	43	36	27	23	27	24	24	26	25	27	31	34	26	26	35	47	28	
5		27	25	20	20	39	57	53	27	20	17	16	21	22	24	28	31	21	17	17	18	20	18	18	17	25	
6		16	16	16	16	16	16	17	15	15	14	14	14	16	17	17	17	17	16	17	18	19	17	16	16	16	
7		17	15	14	13	13	13	13	13	14	15	19	20	21	22	22	19	19	17	18	21	25	18	17	15	17	
8		17	14	14	14	14	13	13	12	15	14	13	13	14	14	14	13	14	14	13	13	13	13	18	20	14	
9		20	15	15	15	21	19	14	14	13	11	11	11	13	13	13	12	11	10	10	12	13	14	13	15	14	
10		16	17	186	309	199	53	50	65	44	31	17	15	15	15	15	14	15	15	12	12	14	13	13	12	49	
11		14	14	13	13	13	13	12	12	13	12	12	11	13	13	19	17	14	15	16	16	15	15	15	16	14	
12		17	17	17	17	17	18	18	20	18	19	18	18	21	20	20	21	19	17	17	19	21	18	17	18	18	
13		19	19	18	19	23	21	22	22	19	19	20	18	23	22	25	23	22	21	22	23	22	22	21	19	21	
14		22	22	20	19	18	18	18	21	21	22	18	18	18	18	17	17	18	16	16	16	15	15	15	17	18	
15		30	29	22	23	21	21	18	16	17	18	20	16	18	17	18	18	18	18	17	17	17	16	15	15	19	
16		17	15	15	15	15	15	17	16	15	14	13	14	16	16	17	16	16	17	16	16	16	15	15	18	16	
17		21	16	16	15	16	19	18	17	17	17	17	17	26	22	19	17	16	15	16	17	15	14	14	13	17	
18		18	17	17	16	16	17	17	17	18	18	18	17	20	20	20	19	19	17	18	22	47	45	46	67	24	
19		29	27	25	23	29	25	25	45	42	24	24	19	21	19	21	20	20	18	17	18	19	21	20	20	24	
20		22	22	19	19	17	17	17	18	21	19	18	18	22	22	22	22	21	21	20	20	18	18	21	19	20	
21		21	23	25	25	22	23	25	28	33	27	22	19	22	22	21	21	21	24	22	22	23	21	18	20	23	
22		22	20	23	21	21	23	25	34	33	41	38	26	24	22	21	21	19	18	19	20	22	19	21	20	24	
23		23	23	23	42	36	29	38	31	21	18	17	17	19	18	18	18	18	19	19	18	19	18	18	18	23	
24		23	22	41	41	40	39	42	44	33	19	15	15	15	15	14	13	14	14	15	16	18	15	15	15	23	
25		15	14	13	16	17	16	16	17	16	15	16	16	16	17	17	16	18	17	15	15	14	13	15	17	16	
26		15	16	17	16	16	17	20	18	18	21	22	19	18	19	20	19	20	19	18	22	22	18	18	17	19	
27		19	19	22	25	32	35	42	50	35	29	26	24	22	22	22	22	22	22	22	22	22	22	22	22	22	
28		13	12	13	14	14	15	15	19	18	17	17	18	19	18	18	19	23	22	26	25	23	30	23	20	19	
29		18	17	18	16	15	14	15	18	23	18	18	19	19	17	17	14	15	13	15	15	15	15	14	14	16	
30		14	16	16	14	14	17	17	17	15	17	17	17	17	15	17	17	17	18	21	24	23	17	15	15	17	
MEAN		21	21	26	31	28	24	24	26	24	20	19	18	19	19	19	19	18	18	19	20	21	21	21	22	22	
PERCENTAGE OF DATA VALID -		98																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														
STATION - VICTORIA ST SARNIA OAMST											NO 14049														
											MONTH OCT 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	13	13	18	20	18	27	22	23	21	14	14	15	17	15	15	15	14	15	14	14	15
2	14	14	17	17	16	16	17	20	27	22	23	21	21	19	20	18	19	19	15	19	25	28	27	30	20
3	33	31	22	22	21	20	21	23	23	21	20	18	21	18	15	17	17	18	21	25	25	26	34	50	23
4	65	61	49	29	38	28	27	28	31	29	23	28	25	26	26	23	19	18	20	20	17	18	15	29	29
5	15	14	14	15	15	16	17	18	18	13	13	15	19	22	26	30	31	39	52	69	77	62	57	29	29
6	37	33	32	31	30	41	33	129	98	66	46	28	26	32	35	35	34	34	38	41	43	72	50	55	48
7	42	42	38	34	34	34	32	35	34	33	31	29	30	31	31	33	35	39	39	42	41	38	38	36	36
8	35	34	32	31	30	30	28	29	27	26	26	26	26	29	31	36	41	42	44	46	45	50	70	65	37
9	39	36	33	31	30	26	25	27	46	17	22	22	21	26	27	25	25	23	21	31	34	38	25	22	29
10	25	58	66	35	52	27	35	23	24	22	29	33	38	37	33	31	28	30	28	29	33	29	26	34	29
11	29	23	24	23	22	23	25	25	23	27	34	35	30	29	26	30	26	30	27	26	25	22	23	26	26
12	27	25	24	23	27	29	29	29	26	37	38	39	39	37	31	34	42	41	29	28	28	25	25	31	26
13	39	38	40	40	37	30	32	34	30	30	33	33	35	36	34	22	23	19	18	18	17	17	17	18	29
14	16	18	19	18	17	15	16	17	16	17	17	17	17	18	18	17	17	16	17	19	19	19	19	17	17
15	18	19	18	20	18	18	18	18	21	20	20	19	20	35	21	23	34	29	29	29	24	19	18	18	23
16	15	19	17	15	15	18	18	18	18	18	18	14	15	14	14	15	14	13	13	12	16	15	14	13	15
17	16	13	13	16	15	13	14	14	17	13	14	15	13	13	13	17	18	18	19	18	17	15	17	18	15
18	14	15	24	20	25	18	15	19	20	20	18	18	18	15	18	15	18	19	17	17	15	15	18	26	18
19	23	14	16	16	20	19	26	58	56	25	25	25	23	26	23	27	31	40	42	39	32	31	30	30	29
20	23	17	15	17	13	15	17	18	17	17	17	15	15	16	14	16	17	17	15	15	17	16	16	16	16
21	22	35	35	33	37	53	55	42	29	20	25	25	19	22	22	20	17	17	19	26	47	59	34	46	32
22	34	37	43	41	43	78	54	59	76	125	79	39	30	29	26	26	26	27	35	40	57	83	49	38	49
23	43	32	59	43	39	45	58	60	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
24	67	42	35	22	23	29	89	37	43	31	22	25	22	22	22	21	21	18	25	21	22	31	31	19	31
25	21	22	23	22	21	21	23	22	25	26	29	27	25	25	24	24	24	24	24	24	24	24	24	24	24
26	22	21	23	21	22	21	25	39	48	29	24	17	18	17	18	18	17	18	15	15	22	18	26	18	22
27	18	18	19	17	16	17	17	17	18	17	17	17	17	18	19	18	19	19	21	20	17	15	15	13	18
28	25	15	16	18	20	18	17	15	16	16	17	18	17	17	18	19	21	19	17	16	17	18	18	18	18
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30	18	19	20	19	18	17	18	20	21	22	27	28	26	31	34	29	23	20	18	24	29	25	21	19	23
31	28	27	27	24	25	26	30	32	31	29	26	23	23	24	23	23	24	24	25	26	29	31	28	28	26
MEAN	28	27	27	24	25	26	30	32	31	29	26	23	23	24	23	23	24	24	25	26	29	31	28	28	26
PERCENTAGE OF DATA VALID -					94																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	32	54	64
FEB	27	18	29	86
MAR	29	19	32	67
APR	30	18	31	58
MAY	28	20	27	60
JUN	26	23	34	90
JUL	27	21	34	71
AUG	28	24	35	96
SEP	30	22	49	309
OCT	31	26	49	129
NOV	28	26	50	67
DEC	27	26	42	53
YEAR	334	23	54	309

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	10	217	193	2	0	0	0	422
FEB	12	462	129	17	2	0	0	0	622
MAR	14	424	201	26	1	0	0	0	666
APR	8	511	99	35	0	0	0	0	653
MAY	0	403	193	37	0	0	0	0	633
JUN	0	261	250	92	5	0	0	0	608
JUL	12	328	181	66	4	0	0	0	591
AUG	3	220	324	102	5	2	0	0	656
SEP	2	428	202	69	3	0	2	1	707
OCT	0	283	236	161	18	3	0	0	701
NOV	35	174	242	164	2	0	0	0	617
DEC	0	56	413	93	0	0	0	0	562
YEAR	86	3560	2687	1055	42	5	2	1	7438

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84	1	13.5	16.4	19.2	24.0	33.5	41.6	50.7	57.5	309	22.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION															
STATION - KING/RECTORY LONDON FAIR										MONTH JAN 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	17	17	17	17	17	17	15	15	16	16	16	16	16	17	17	17	17	17	17	16	17	17	
2	16	17	17	17	18	17	19	20	21	20	19	18	18	17	16	16	19	19	18	17	19	21	23	25	19
3	25	25	25	25	23	21	21	25	28	25	21	19	19	19	19	19	19	19	19	19	17	16	23	25	22
4	17	16	16	15	15	15	15	15	17	19	18	18	37	21	18	18	19	19	17	17	18	17	17	17	18
5	16	16	16	16	15	15	16	16	16	16	16	17	17	17	17	17	18	19	17	17	17	17	16	16	17
6	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	17	17	17	17	16
7	16	16	17	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	17	17	17	19	17
8	21	23	21	18	17	16	17	19	19	18	18	16	16	16	16	17	19	23	20	23	23	20	22	21	19
9	19	17	17	17	17	17	17	18	21	21	19	17	16	16	16	16	16	17	17	17	17	17	16	17	17
10	15	15	15	15	15	15	16	18	19	19	17	18	18	18	17	19	19	21	23	21	21	21	22	22	18
11	18	17	17	17	17	17	17	21	21	20	19	18	19	19	19	19	20	21	19	19	19	21	19	19	19
12	19	16	17	17	17	17	18	20	23	20	19	19	19	19	19	19	22	25	26	26	24	23	25	24	21
13	21	21	20	19	18	18	19	18	18	19	19	20	22	21	22	23	38	31	21	20	21	21	21	21	21
14	21	20	19	19	19	19	20	19	19	19	20	20	20	20	19	19	19	20	21	21	21	20	20	20	20
15	20	21	20	22	21	20	20	21	25	25	30	25	23	21	21	20	20	21	21	22	22	22	28	30	23
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17	18	18	18	18	18	18	18	21	21	21	21	21	22	23	23	24	28	29	25	28	23	22	30	33	23
18	23	23	23	23	22	22	23	24	24	24	23	25	24	23	23	23	24	23	25	28	23	22	30	33	24
19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
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22	19	19	17	17	17	17	17	18	20	24	21	21	19	19	21	23	24	23	24	23	20	19	22	32	21
23	19	19	19	19	18	18	18	20	22	21	20	19	19	19	21	21	20	21	19	19	19	19	19	19	20
24	18	17	17	17	17	18	18	18	18	18	18	17	17	17	17	18	19	20	21	24	28	31	35	29	20
25	23	21	21	20	21	21	21	23	25	25	24	23	22	23	23	23	25	27	31	39	51	51	60	71	30
26	59	54	39	33	31	34	39	47	85	130	63	45	35	29	27	27	30	30	29	31	33	33	30	30	43
27	29	27	27	26	25	26	25	25	25	25	25	25	23	25	23	23	29	24	21	21	21	20	21	21	24
28	19	19	19	19	21	20	20	20	20	20	20	19	20	20	20	19	19	19	19	19	19	19	18	17	19
29	17	18	18	17	17	18	19	19	21	21	19	19	19	19	19	20	19	28	33	23	21	21	33	22	21
30	21	20	20	21	21	21	20	22	23	22	21	21	21	21	21	21	23	23	23	22	21	21	21	21	21
31	21	20	19	19	19	18	18	18	19	19	19	19	19	19	19	19	19	19	20	20	20	31	26	20	
MEAN	21	20	19	19	19	19	19	21	23	24	21	20	20	20	20	20	22	22	21	21	21	21	23	24	21
PERCENTAGE OF DATA VALID -					97																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														
STATION - KING/RECTORY LONDON FAIR											MONTH FEB 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	20	20	20	21	21	22	25	25	23	23	19	19	19	20	22	23	21	19	19	18	18	18	18	21
2	17	17	17	17	17	17	16	17	26	25	24	23	23	23	24	23	23	21	20	20	20	20	19	19	20
3	18	18	17	17	16	16	17	16	16	16	17	17	17	17	19	19	19	19	19	18	17	17	20	19	18
4	19	19	18	17	17	17	18	18	17	17	17	18	17	17	17	19	18	18	19	20	19	21	19	18	18
5	24	23	18	17	17	17	17	16	17	17	18	17	17	17	18	17	17	17	17	19	18	17	19	17	18
6	17	16	15	16	15	15	15	16	17	17	18	18	19	19	20	19	19	19	19	19	19	19	19	20	18
7	21	21	20	19	19	17	17	19	19	19	18	19	19	20	20	21	23	23	24	25	23	23	29	29	21
8	23	19	18	17	16	16	15	16	16	16	15	15	15	15	15	15	16	17	17	17	17	17	17	18	17
9	17	16	17	16	15	15	17	18	21	19	20	59	30	21	18	18	20	19	20	20	19	19	19	19	21
10	19	21	21	17	17	17	19	19	18	19	17	17	17	20	18	18	22	22	18	17	18	18	18	20	19
11	19	17	17	17	17	17	17	17	17	18	18	17	17	17	17	17	17	17	18	18	18	18	18	18	17
12	18	18	17	18	18	17	19	22	25	22	20	19	19	18	17	18	19	21	21	21	21	21	21	21	20
13	23	23	21	19	18	18	18	19	19	20	20	20	20	20	20	19	19	19	19	21	21	21	21	21	20
14	19	17	17	17	16	16	17	16	17	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	17
16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	21
18	22	20	19	19	17	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18
19	17	17	17	17	17	17	17	17	21	21	21	20	21	24	21	21	22	25	22	22	21	19	23	25	20
20	19	19	18	18	19	19	19	21	25	25	23	22	23	23	21	20	19	19	19	18	18	19	21	21	20
21	21	19	19	19	18	21	21	22	23	21	19	20	20	21	22	19	17	17	17	22	18	17	17	17	19
22	16	16	16	16	15	15	17	17	19	18	17	18	18	19	17	17	17	17	17	17	17	17	17	17	17
23	21	20	19	20	22	21	23	31	44	34	27	22	20	21	21	23	21	21	21	21	21	21	21	23	22
24	21	21	21	21	19	17	17	17	17	17	17	17	18	19	21	20	22	21	21	21	21	21	21	21	20
25	22	24	27	34	37	27	22	20	19	19	18	18	18	18	18	18	18	18	18	18	18	17	17	17	21
26	19	19	18	17	17	18	19	21	20	21	21	20	19	19	18	18	18	19	19	24	24	21	25	28	20
27	19	18	18	18	18	17	17	18	18	18	17	19	18	18	19	19	20	19	19	19	20	20	20	21	19
28	22	23	28	33	33	33	29	31	32	29	25	21	21	23	21	21	21	22	21	22	23	21	25	34	26
MEAN	19	19	19	19	19	18	18	19	21	20	19	20	19	19	19	19	20	20	19	20	19	19	20	21	19
PERCENTAGE OF DATA VALID -					96																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR								NO 15001				MONTH MAR 73																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	21	20	20	19	19	20	20	23	25	23	22	22	22	23	22	27	***	25	25	27	28	33	40	49	25				
2	51	45	41	40	37	34	29	32	***	30	27	25	***	***	***	***	***	***	***	***	***	***	***	***	***				
3	25	23	23	23	23	21	20	21	21	21	21	21	25	26	25	24	51	31	27	27	25	26	30	31	25				
4	32	35	31	27	25	25	24	23	23	23	23	21	21	19	19	19	19	19	20	20	20	20	18	17	23				
5	16	16	17	17	17	18	18	18	18	18	18	19	20	19	20	21	21	21	22	23	23	21	22	20	19				
6	19	19	19	19	19	21	21	21	24	23	23	25	25	26	25	25	25	25	26	28	27	25	31	23	24				
7	20	19	19	19	18	19	18	18	18	18	18	19	22	27	28	26	24	24	26	25	35	33	29	26	23				
8	23	21	21	21	21	21	23	25	25	23	21	22	21	21	22	22	22	22	23	25	29	30	30	32	24				
9	28	26	27	26	26	25	24	26	23	21	21	21	22	23	24	23	27	22	22	19	19	19	19	19	23				
10	18	18	18	18	18	18	19	18	19	21	22	25	25	25	26	28	54	35	28	25	25	23	25	35	24				
11	22	21	19	18	18	18	18	18	19	19	19	19	19	18	19	19	19	19	19	18	17	21	40	23	20				
12	20	19	19	19	19	***	***	***	***	***	***	***	***	18	18	17	18	17	17	19	19	19	20	19	19				
13	19	20	20	19	19	19	19	22	23	21	20	19	19	20	20	20	20	20	20	19	19	19	19	19	20				
14	19	19	19	19	19	19	19	19	18	19	20	20	21	22	22	22	23	22	22	23	23	22	25	11	21				
15	19	18	17	18	18	18	19	24	23	22	22	21	21	21	21	21	21	22	23	23	22	22	23	23	21				
16	23	23	22	22	22	22	22	22	21	22	23	22	21	21	21	21	21	22	22	21	21	21	21	20	22				
17	20	20	21	20	19	20	20	20	20	20	20	20	21	22	23	22	23	23	19	19	18	18	17	17	20				
18	18	18	19	19	20	19	19	19	19	18	18	20	21	21	20	19	19	20	21	21	21	21	21	21	20				
19	20	19	19	19	18	17	19	20	21	21	21	20	20	20	20	20	21	21	21	21	22	23	23	24	20				
20	22	23	21	21	22	23	22	23	22	21	20	21	21	21	29	26	***	21	22	21	20	20	20	21	22				
21	21	21	21	21	21	21	21	24	25	23	21	20	20	20	20	20	20	21	21	23	23	23	29	24	22				
22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	23	23	23	23	21				
23	25	25	25	25	24	23	24	24	24	24	24	29	29	28	27	27	27	26	25	26	28	31	30	30	27				
24	36	42	46	58	63	66	69	61	51	41	33	29	30	31	29	26	37	31	28	29	31	31	30	29	40				
25	27	26	26	27	25	25	24	24	25	25	24	23	23	23	23	23	23	23	24	24	25	23	23	23	24				
26	23	23	24	24	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23				
27	25	25	27	25	23	22	22	23	21	22	23	23	22	23	22	22	22	23	24	25	24	24	23	24	23				
28	23	23	23	23	25	25	25	26	26	25	25	25	25	25	25	25	26	29	31	31	30	30	35	33	27				
29	29	29	26	25	26	26	27	28	28	27	27	28	28	28	29	29	29	29	29	28	35	35	33	30	29				
30	28	26	25	25	26	27	27	33	29	37	29	28	27	27	30	29	34	23	23	22	21	21	19	19	26				
31	19	18	18	18	18	18	18	18	18	18	18	18	18	21	23	21	21	37	23	20	19	19	25	19	20				
MEAN	24	23	23	23	23	23	23	24	23	23	22	22	23	23	23	23	26	24	23	24	24	24	25	25	23				

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR								NO 15001				MONTH APR 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	17	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	15	15	15		
2	15	15	16	16	16	16	17	17	17	17	18	18	19	18	19	19	19	19	19	22	21	24	23	22	18		
3	19	17	17	17	17	16	16	17	17	17	17	17	17	17	20	29	29	23	21	20	19	17	19	18	19		
4	17	17	17	17	17	17	17	17	19	19	19	19	19	20	20	18	18	18	18	21	21	21	21	19	19		
5	16	16	16	15	15	15	15	16	16	16	16	16	21	23	19	20	21	19	19	25	23	22	21	19	18		
6	18	17	17	16	16	16	16	18	19	18	17	17	17	18	19	18	18	18	18	21	25	38	31	28	20		
7	25	24	21	19	17	17	16	16	16	16	16	16	19	19	17	18	23	19	17	19	18	17	18	19	18		
8	15	15	14	14	14	15	15	14	14	14	14	13	14	14	16	17	16	15	15	15	16	16	16	15	15		
9	16	15	16	16	16	16	15	15	15	15	15	15	15	15	15	16	16	16	16	17	17	15	30	21	16		
10	17	17	17	16	16	16	16	16	17	17	16	17	17	17	15	14	15	15	15	14	14	14	14	15	16		
11	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	17	17	19	19	21	26	23	17		
12	20	19	19	19	19	21	23	21	19	17	15	15	15	15	15	15	16	16	16	16	16	17	17	17	17		
13	17	17	17	17	17	17	17	17	17	17	17	17	15	15	15	15	16	17	17	17	17	19	19	21	17		
14	28	35	36	29	27	25	26	24	20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
15	- DATA MISSING -																										
16	***	***	***	***	***	***	***	***	***	***	***	***	19	19	18	19	19	18	17	18	18	17	21	18	***		
17	17	16	16	16	16	16	17	18	17	17	17	17	17	17	17	17	19	19	18	20	21	25	21	20	18		
18	21	21	21	22	22	23	21	21	21	20	20	20	19	18	18	19	21	21	23	23	23	25	23	21	21		
19	23	21	21	20	20	21	20	19	19	18	19	19	20	20	20	20	19	19	19	19	19	18	19	20	20		
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21	22	25	27	26	25	24	23	23	23	23	23	25	26	26	25	25	29	26	25	23	23	23	29	23	25		
22	21	21	21	21	21	21	21	20	20	21	21	19	19	19	19	19	19	20	21	22	22	21	21	20	20		
23	20	20	20	19	19	19	19	21	22	19	19	19	19	20	20	20	21	21	22	24	23	23	21	20	21		
24	21	19	18	18	18	18	17	17	17	17	17	17	17	17	17	17	18	18	19	19	19	21	22	22	18		
25	21	21	21	22	23	21	19	18	17	17	17	17	17	17	17	15	15	15	15	19	14	15	16	15	14		
26	17	15	15	16	16	15	15	13	13	13	13	13	13	13	13	13	14	14	15	15	16	15	15	14	14		
27	13	16	17	17	16	15	15	15	15	13	13	13	13	13	13	13	13	14	14	15	15	14	13	13	12		
28	11	11	11	11	11	11	11	11	11	11	11	11	12	12	13	13	14	14	15	15	14	13	13	13	12		
29	13	13	13	13	12	12	12	12	12	12	12	12	13	13	13	12	12	13	14	14	14	15	15	16	13		
30	16	16	15	14	14	14	14	15	15	15	14	15	16	16	15	15	16	17	21	18	17	23	25	14	16		
MEAN	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	19	19	20	20	19	18		

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	13	15	15	17	18	17	17	17	17	17	17	17	15	13	13	13	15	14	14	15	15
2	14	13	13	13	13	13	15	15	17	19	21	19	17	17	17	17	17	17	17	17	18	18	17	17	16
3	17	17	15	15	15	16	17	17	17	17	17	17	17	17	17	17	19	16	16	16	15	16	16	15	16
4	15	15	14	15	14	14	15	15	15	15	15	17	16	15	15	15	15	15	15	16	17	17	17	17	15
5	16	15	15	14	14	15	15	14	14	14	14	14	15	15	14	15	15	15	15	17	19	21	21	21	16
6	21	21	20	19	19	18	17	17	17	17	15	15	16	16	16	15	15	16	16	16	16	16	16	16	17
7	17	19	19	19	19	19	18	17	17	17	17	17	17	16	15	15	15	15	15	15	15	19	19	18	17
8	17	16	17	17	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
9	17	17	17	17	16	16	17	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
10	19	18	17	17	17	18	19	21	19	19	17	17	17	17	18	17	17	17	18	18	16	16	16	16	18
11	21	21	19	20	19	19	17	17	14	13	14	14	15	15	15	16	15	17	18	19	19	23	24	19	18
12	19	17	14	14	14	14	14	14	14	15	14	14	15	15	15	15	15	15	17	17	17	15	15	15	15
13	15	15	15	15	15	15	15	15	15	15	15	15	13	14	14	14	14	14	14	14	14	14	14	14	14
14	15	15	15	15	15	15	17	17	17	17	15	13	14	15	15	17	15	16	16	15	17	23	24	24	17
15	24	25	21	20	19	19	19	16	14	13	13	13	14	14	14	15	16	15	16	15	15	15	15	15	16
16	13	14	14	14	14	14	15	15	14	15	15	15	14	14	15	15	15	15	15	15	15	15	15	15	15
17	15	13	13	13	13	14	14	14	14	14	14	14	14	15	15	17	17	15	15	15	15	16	16	15	15
18	15	15	15	15	15	15	14	14	14	14	14	14	14	15	14	14	14	14	17	18	18	19	23	22	16
19	19	20	20	19	19	18	17	18	15	15	15	14	15	15	16	16	16	17	18	19	21	23	31	25	18
20	22	20	19	17	17	17	17	17	15	17	16	15	15	15	15	15	15	14	14	15	15	15	16	17	16
21	17	19	21	23	24	24	23	21	19	17	15	15	15	15	15	15	15	15	15	17	18	19	23	21	18
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23	20	20	20	20	19	18	17	17	17	16	15	15	16	17	17	17	17	16	17	17	17	17	17	16	17
24	19	19	19	19	18	17	17	17	15	15	13	13	17	17	17	16	15	15	17	17	17	19	17	15	17
25	17	17	17	15	15	15	15	15	15	15	15	15	17	16	17	16	15	15	15	15	15	16	15	14	16
26	14	13	13	13	13	13	13	13	13	13	13	13	18	18	17	17	17	17	21	18	17	17	24	15	16
27	16	16	16	16	15	15	15	14	13	13	13	13	15	15	15	15	15	15	15	15	13	13	13	13	14
28	15	15	15	15	14	13	13	13	13	13	13	13	15	15	15	15	15	15	18	18	17	21	21	19	15
29	19	17	16	16	16	16	16	19	34	20	17	15	17	17	17	17	17	17	17	17	17	15	15	14	17
30	17	18	18	17	17	16	16	15	14	14	14	14	17	17	15	16	16	17	19	20	20	19	19	17	17
31	13	11	11	11	11	11	11	11	11	11	9	8	17	17	17	20	19	18	23	21	21	27	22	18	15
MEAN	17	17	16	16	16	16	16	16	16	16	15	15	16	16	16	16	16	16	17	17	17	18	18	17	16

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	18	19	19	19	18	17	17	16	16	19	19	19	19	19	19	23	21	20	22	23	24	19
2	28	25	25	22	19	19	20	19	19	17	17	15	17	17	17	16	17	19	19	22	25	33	23	20	
3	23	19	19	19	19	17	17	17	17	15	16	15	17	18	19	19	19	19	17	17	17	16	17	18	
4	15	15	15	15	15	15	14	15	15	13	12	13	19	19	17	19	19	19	23	21	22	25	23	19	17
5	23	21	17	17	19	16	15	15	19	19	16	15	16	17	19	20	21	19	19	19	19	19	22	21	19
6	16	17	17	17	16	17	18	18	19	19	19	19	19	19	20	20	20	22	22	25	22	28	25	23	22
7	21	20	20	20	20	21	21	21	20	20	20	20	21	21	21	22	22	22	23	23	23	26	23	21	22
8	20	19	19	18	19	21	21	21	21	21	21	21	22	22	22	23	23	23	23	23	23	26	23	21	22
9	21	20	19	19	19	19	19	19	19	20	21	21	23	23	25	24	24	25	29	29	28	28	27	26	23
10	26	27	29	31	35	34	28	24	22	23	23	24	25	25	25	25	26	27	27	27	27	28	28	26	27
11	25	23	24	24	23	23	27	27	26	27	27	29	29	31	31	31	31	31	32	32	32	35	33	28	28
12	27	27	26	25	25	25	26	26	26	28	29	21	23	22	19	17	19	19	19	18	17	14	14	12	22
13	13	13	12	11	11	12	11	10	10	9	10	10	13	15	15	15	15	14	17	16	15	16	15	14	13
14	14	16	17	19	19	28	29	19	13	15	13	12	13	14	13	13	14	13	13	14	16	23	34	43	18
15	37	34	21	19	17	21	21	15	13	12	11	11	18	18	20	18	18	18	20	20	22	21	20	20	19
16	16	14	13	14	13	13	12	11	11	9	9	9	13	14	14	13	14	13	18	15	12	13	13	8	13
17	17	16	16	15	15	15	15	13	12	11	11	11	14	14	13	15	13	13	13	13	13	11	12	12	13
18	15	15	15	15	15	17	17	17	15	15	15	15	15	17	17	18	18	17	21	19	18	18	19	17	17
19	18	17	16	16	16	16	16	16	17	19	17	15	17	17	18	17	17	17	16	15	15	16	16	16	17
20	18	17	17	19	16	16	17	18	18	18	19	18	19	19	19	21	20	20	22	21	20	23	21	21	19
21	21	24	25	30	25	25	23	25	23	19	17	17	20	20	20	20	20	19	19	21	24	27	25	23	22
22	23	21	20	20	19	18	21	23	19	19	19	17	21	21	21	21	21	21	21	19	20	23	23	21	21
23	31	27	26	26	23	23	20	19	18	18	18	17	19	19	20	19	19	20	23	21	22	27	32	25	22
24	26	25	21	18	18	16	16	17	16	15	15	15	17	17	17	17	17	17	17	17	17	17	17	17	18
25	22	23	25	25	27	25	21	19	16	15	18	16	16	16	15	15	15	15	17	17	17	17	17	16	19
26	16	17	17	16	15	15	16	17	16	17	16	15	18	18	18	19	20	18	18	17	17	17	15	15	17
27	15	15	15	15	14	15	15	17	14	14	14	14	16	16	16	15	16	16	18	17	16	15	16	15	15
28	17	17	15	15	14	13	13	13	12	11	10	10	15	14	15	13	13	13	13	15	15	18	19	16	14
29	18	16	16	15	15	15	15	15	15	15	13	13	16	16	19	19	19	19	20	20	21	24	25	21	18
30	21	23	22	25	25	25	25	23	19	18	17	17	19	19	19	20	21	21	25	25	23	24	35	26	22
MEAN	21	20	19	19	19	19	19	18	17	17	17	16	18	19	19	19	19	19	20	20	20	21	22	20	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUL

73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	23	23	21	21	21	19	19	18	18	18	19	21	21	21	21	21	21	21	22	22	24	23	21	21
2	25	28	27	27	23	23	23	23	22	21	21	21	23	24	25	23	23	24	28	26	25	26	28	24	24
3	25	25	25	25	25	25	23	21	20	20	21	21	26	27	27	26	27	27	27	27	25	23	21	21	24
4	25	25	23	24	25	23	25	23	23	23	23	17	18	19	19	21	20	19	19	19	20	19	17	17	21
5	16	16	15	14	14	14	14	13	13	13	13	13	14	14	14	15	15	15	19	19	19	21	29	39	17
6	35	30	24	21	19	25	25	20	18	16	16	16	16	17	17	19	19	19	19	21	21	23	19	19	21
7	17	17	17	15	15	16	16	17	17	18	19	19	19	21	21	21	23	23	26	27	25	29	33	23	21
8	21	20	19	18	18	17	17	17	17	17	18	21	24	22	22	23	23	23	23	24	24	23	22	22	21
9	21	20	19	18	18	18	17	16	17	18	19	19	20	21	22	21	22	22	23	23	23	21	21	20	20
10	19	19	19	19	18	19	21	21	25	22	19	17	17	18	19	19	19	19	20	20	19	18	17	15	19
11	15	15	13	13	13	13	12	12	12	13	13	15	15	16	17	17	17	17	16	16	16	15	15	25	15
12	19	18	17	19	22	21	17	17	16	15	15	15	17	18	18	19	19	19	19	17	16	15	15	15	17
13	13	13	13	13	14	15	16	19	17	19	19	21	19	19	19	19	17	19	19	20	19	19	19	19	17
14	19	17	16	15	15	15	15	15	15	16	17	18	18	18	18	19	19	19	19	20	20	21	21	23	18
15	20	19	19	19	19	17	15	15	13	15	15	15	15	16	17	17	17	17	17	17	17	16	15	15	17
16	15	15	15	17	17	18	18	16	15	15	15	14	14	15	15	15	15	15	16	17	17	17	17	17	16
17	19	19	17	18	19	21	23	19	15	15	14	15	15	15	17	19	15	16	17	17	17	17	18	20	17
18	20	21	20	19	21	23	21	17	22	20	19	20	21	23	23	24	24	24	25	26	26	26	26	27	22
19	31	32	32	32	33	35	35	35	27	25	24	23	23	23	24	23	23	23	23	23	23	23	22	21	27
20	21	21	21	21	21	24	27	25	26	25	27	25	25	25	26	23	22	23	25	23	23	25	22	27	24
21	25	24	23	22	21	19	19	19	17	17	17	17	17	17	17	17	18	19	19	19	21	24	27	27	20
22	24	22	21	20	19	19	19	18	18	18	18	18	19	20	19	19	20	19	19	20	20	20	19	19	20
23	18	18	18	18	17	18	17	17	17	17	17	17	18	19	23	20	19	17	18	17	17	17	17	17	18
24	16	16	16	16	16	17	17	17	17	17	17	17	18	19	19	19	19	19	19	19	19	19	19	19	18
25	21	20	21	23	23	22	23	23	21	20	20	19	20	20	20	21	23	22	21	22	23	23	22	23	22
26	23	19	20	22	21	21	21	21	20	19	21	21	21	21	21	21	21	20	20	20	20	19	19	18	20
27	18	17	17	17	17	18	19	20	17	17	17	19	19	19	19	20	21	20	20	20	21	21	21	19	19
28	19	18	17	17	17	17	18	18	17	18	18	19	19	20	21	19	19	19	19	19	19	19	19	19	19
29	18	17	17	17	17	17	16	16	16	17	17	17	19	19	20	20	21	21	21	22	24	30	27	24	20
30	23	23	23	24	22	22	23	22	20	19	19	20	20	20	20	20	21	21	21	22	24	30	27	24	20
31	- DATA MISSING -																								
MEAN	21	20	20	19	19	20	20	19	18	18	18	18	19	20	20	20	20	20	21	21	21	21	21	21	20

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH AUG

73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA MISSING -																								
2	- DATA MISSING -																								
3	- DATA MISSING -																								
4	- DATA MISSING -																								
5	- DATA MISSING -																								
6	- DATA MISSING -																								
7	- DATA MISSING -																								
8	- DATA MISSING -																								
9	14	13	13	13	13	13	13	16	16	14	15	15	17	16	17	19	19	19	19	18	16	15	14	13	16
10	13	13	13	13	13	13	14	15	13	13	13	13	14	15	15	16	17	15	14	16	21	19	19	19	15
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13	19	19	22	25	23	22	22	21	17	15	13	18	20	20	21	22	22	21	22	25	27	27	29	28	22
14	30	33	33	33	33	32	31	28	24	24	20	19	19	19	19	19	19	20	21	22	22	22	21	21	24
15	19	18	17	17	17	17	17	17	17	17	18	19	21	23	23	20	20	20	21	19	19	18	19	19	19
16	17	19	17	17	17	17	16	16	16	15	15	15	15	15	16	17	17	17	24	27	24	19	17	16	18
17	16	16	16	15	15	15	15	15	17	17	18	20	23	21	18	16	16	14	15	16	18	21	25	23	18
18	25	27	25	26	24	23	22	20	18	17	16	16	16	16	16	17	17	17	17	17	17	19	19	17	19
19	19	19	18	18	19	20	21	20	18	17	17	17	17	17	18	18	18	18	19	19	19	21	24	19	19
20	23	23	21	19	21	19	19	19	19	18	17	17	17	17	17	19	18	17	17	17	17	16	15	18	18
21	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	19	16
22	19	19	17	17	17	17	17	16	15	15	16	16	15	15	15	15	15	16	16	16	16	16	17	17	16
23	17	17	18	19	21	23	25	27	29	27	22	19	19	17	16	17	17	17	19	20	21	23	22	21	21
24	21	23	25	24	22	23	23	24	21	19	19	21	19	19	19	19	19	19	25	27	31	29	31	23	23
25	31	29	31	29	26	23	22	23	23	20	20	19	19	19	21	21	21	21	22	23	23	25	23	23	23
26	23	21	20	24	21	22	21	21	32	21	23	21	21	20	21	21	21	22	22	23	23	25	23	23	23
27	20	21	21	21	21	21	22	23	23	21	21	21	22	23	24	24	26	25	26	33	38	33	29	28	24
28	24	24	23	22	22	23	23	22	21	21	22	23	24	16	51	42	35	33	29	44	40	37	38	37	29
29	31	41	41	44	47	47	45	38	29	23	21	19	19	19	18	18	19	19	19	19	19	20	19	27	27
30	19	19	17	17	18	19	20	19	28	27	27	27	27	27	29	28	31	34	30	33	31	31	30	23	25
31	24	30	20	25	21	24	29	22	23	20	22	20	21	23	23	27	28	29	31	26	28	29	34	27	25
MEAN	21	21	21	21	21	21	21	20	20	18	18	18	18	18	20	20	20	20	20	22	22	22	22	21	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - KING/RECTORY LONDON FAIR												NO 15001													
												MONTH SEP 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	31	29	25	28	27	31	32	27	35	29	27	26	29	32	26	31	31	21	31	28	33	37	24	29
2	27	24	25	33	28	24	35	43	61	29	26	49	32	21	21	21	22	25	30	28	27	29	31	34	30
3	29	27	30	32	35	35	40	42	27	24	25	21	24	24	24	24	25	25	27	30	27	31	31	29	29
4	29	33	39	45	35	31	35	37	31	23	22	28	34	26	25	17	17	17	19	21	22	25	22	23	28
5	23	20	17	17	19	19	21	27	31	16	13	13	13	15	13	13	13	13	15	14	15	16	16	17	17
6	22	22	21	21	19	19	19	20	19	19	21	21	21	21	21	21	23	23	24	29	29	30	30	27	23
7	29	30	31	30	29	27	27	23	19	18	17	18	19	21	20	21	21	22	21	23	22	22	21	20	23
8	19	18	17	17	17	18	19	17	15	15	15	15	17	17	18	18	18	19	21	23	21	21	19	19	18
9	17	17	19	19	19	19	21	27	27	20	22	20	19	19	21	25	21	20	21	23	22	21	22	19	21
10	19	17	17	17	17	17	17	18	16	16	17	16	17	17	17	18	18	18	18	19	20	20	18	17	18
11	3	17	17	17	19	20	29	21	19	17	18	17	17	16	16	18	17	17	17	21	21	21	20	22	18
12	22	21	21	21	19	20	19	19	17	16	15	15	19	19	18	17	17	18	21	19	19	19	18	17	19
13	17	17	17	16	16	15	16	15	15	14	14	13	17	17	17	18	18	17	20	22	22	21	22	24	18
14	27	27	29	29	26	25	25	33	31	21	19	17	21	21	21	21	21	19	20	20	19	19	19	19	23
15	20	18	17	17	15	16	15	15	14	13	12	11	15	15	15	15	15	15	15	14	14	14	13	13	15
16	16	15	15	15	15	14	15	13	12	11	11	11	15	15	14	13	13	13	13	13	12	11	11	12	13
17	15	15	15	13	13	12	12	12	11	13	13	13	13	13	11	11	12	12	13	16	24	33	39	44	17
18	43	31	29	22	19	19	24	29	21	17	14	13	15	15	15	14	14	14	15	14	14	14	15	14	19
19	16	16	16	15	15	13	13	12	11	11	10	9	15	16	15	15	15	15	17	17	17	16	16	15	14
20	15	15	14	14	15	15	20	21	15	11	11	11	15	15	15	15	15	15	15	15	15	15	14	13	12
21	13	13	14	14	13	13	13	16	15	18	17	17	17	17	17	16	16	17	17	17	17	17	17	18	16
22	21	23	23	21	20	19	17	17	15	15	15	13	16	16	16	15	15	16	16	16	17	17	17	17	17
23	19	19	17	16	15	15	17	15	13	12	11	11	15	15	15	14	14	14	15	14	14	14	14	13	15
24	14	14	13	14	14	13	13	14	13	11	12	11	16	15	15	15	15	17	17	18	17	17	19	18	15
25	17	17	18	17	19	19	19	19	19	19	19	19	20	20	20	21	21	21	22	22	21	21	20	19	20
26	19	18	18	19	19	19	21	23	21	21	21	20	20	20	21	19	19	18	18	17	17	16	16	15	19
27	15	14	15	15	14	15	16	17	17	15	15	15	16	16	17	17	17	18	20	19	20	21	20	18	17
28	17	15	15	15	17	17	17	16	16	16	15	15	28	30	25	21	20	19	22	23	22	22	26	25	20
29	23	22	22	22	21	21	21	20	19	18	17	16	17	16	15	15	15	15	15	15	15	15	14	13	18
30	20	20	20	20	20	19	21	22	20	17	17	17	19	19	19	18	18	18	19	20	20	21	21	20	19
MEAN	20	20	20	20	20	19	21	22	20	17	17	17	19	19	19	18	18	18	19	20	20	21	21	20	19
PERCENTAGE OF DATA VALID - 97																									

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION														
		STATION - KING/RECTORY LONDON FAIR										NO 15001														
												MONTH OCT 73														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	13	14	15	16	15	15	15	15	15	15	18	18	18	18	17	19	18	19	25	21	17	16
2	17	16	15	15	15	15	17	16	16	16	15	17	17	17	17	17	18	19	19	19	18	18	18	19	19	17
3	18	18	18	18	18	19	21	23	23	21	21	21	21	20	20	22	21	20	21	23	25	27	35	33	31	22
4	30	30	31	37	43	35	35	33	33	26	21	21	21	21	21	21	22	22	21	27	24	23	23	21	20	27
5	19	17	17	17	15	15	16	16	16	15	15	15	15	16	16	16	16	17	18	20	33	45	51	55	47	23
6	49	48	44	44	44	42	31	31	30	25	21	21	19	19	19	19	20	19	23	32	30	30	29	28	25	30
7	23	21	19	19	18	18	18	18	19	18	17	17	17	17	16	16	16	17	18	17	17	16	16	18	17	18
8	16	16	16	16	16	15	15	16	16	15	15	15	15	15	15	16	16	16	19	19	20	35	31	21	18	
9	17	17	17	17	16	19	17	19	18	17	17	17	17	17	17	17	17	18	20	21	24	25	23	21	21	19
10	21	20	20	19	19	23	28	33	27	22	19	19	19	18	17	17	17	18	19	23	23	22	24	21	17	21
11	17	17	17	16	17	16	17	19	20	19	17	16	15	16	17	17	18	19	24	24	25	27	24	20	19	
12	19	16	16	16	17	17	19	19	18	17	17	17	17	18	17	17	17	19	19	21	19	19	22	21	17	18
13	18	17	16	15	15	15	15	16	16	16	16	16	16	15	16	16	16	16	16	16	17	17	18	20	17	16
14	15	15	14	13	13	13	13	13	13	13	13	12	11	13	13	13	13	13	13	14	14	14	15	15	15	13
15	16	15	15	15	17	17	22	26	23	21	18	17	17	17	17	16	16	16	17	22	22	21	23	23	19	19
16	17	17	17	15	15	15	15	15	15	15	14	15	15	14	14	15	15	15	15	15	15	15	15	15	15	15
17	15	14	14	14	15	15	16	17	17	15	15	14	16	15	16	17	17	23	25	25	27	33	33	29	19	
18	26	23	24	24	23	23	24	24	20	27	26	23	22	21	21	20	20	21	23	25	26	26	27	27	24	
19	28	37	48	39	31	35	42	45	41	30	24	21	23	24	25	25	26	28	35	35	35	39	39	44	33	
20	42	33	31	29	27	26	25	25	25	25	13	13	13	13	13	13	13	13	16	17	15	16	19	16	21	
21	16	15	15	15	15	16	21	25	24	19	16	15	15	15	15	14	14	15	15	17	21	27	33	38	19	
22	36	27	25	25	23	25	29	33	33	29	24	19	16	16	16	16	17	19	26	27	29	45	59	55	28	
23	50	47	45	40	35	29	23	23	23	23	21	20	19	18	17	19	19	23	23	24	25	26	29	37	27	
24	37	23	27	22	21	21	23	27	27	23	23	23	21	21	21	20	20	21	23	25	27	27	29	24	25	
25	24	23	25	24	22	23	23	22	22	22	22	21	19	19	19	19	19	19	20	19	19	19	19	18	21	
26	17	23	21	21	18	17	17	17	15	15	15	15	15	15	15	15	16	16	17	15	16	16	17	15	17	
27	19	21	21	22	19	18	17	19	21	17	15	13	14	13	13	13	13	14	18	16	14	17	21	10	17	
28	14	13	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	9	9	9	9	7	11	
29	13	13	13	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	8	7	7	7	7	9	7	10
30	11	11	11	11	11	11	11	11	11	11	11	11	11	13	13	18	16	17	16	16	17	16	16	15	15	13
31	17	17	17	15	15	15	14	17	18	17	17	17	15	19	19	21	21	20	20	20	20	20	19	16	17	18
MEAN	22	21	21	20	20	19	20	21	21	19	17	17	17	17	17	17	17	17	18	20	21	21	24	24	22	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	17	17	17	16	16	16	16	15	15	15	15	16	16	15	15	15	15	17	16	16	17	17	16	16
2	18	18	17	17	17	16	17	19	19	19	19	17	18	18	18	18	19	17	17	17	16	16	16	16	17
3	15	16	16	16	16	16	16	15	15	15	17	17	17	17	17	17	17	18	17	17	17	17	17	20	17
4	17	17	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16
5	15	15	15	15	15	15	15	17	19	17	16	15	15	15	15	15	15	16	15	15	15	15	14	13	15
6	14	14	14	14	14	14	14	14	15	15	15	16	15	15	15	15	17	17	16	16	16	15	14	14	15
7	14	14	14	14	15	15	15	16	17	18	17	17	15	15	16	17	17	19	20	20	22	19	17	21	18
8	17	17	16	16	16	16	16	17	18	17	17	16	16	16	16	16	17	17	17	17	17	16	16	15	17
9	14	15	17	16	16	16	16	16	16	16	16	16	15	15	15	17	19	17	15	16	17	17	15	15	16
10	15	15	15	15	15	15	15	16	16	17	17	16	15	17	18	18	17	17	17	20	20	20	24	30	18
11	19	20	18	17	17	18	20	19	18	17	16	16	16	15	15	15	15	15	15	15	15	14	14	15	16
12	15	15	15	15	15	14	15	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	19	17
13	17	17	16	17	17	16	16	17	17	17	17	17	17	17	17	17	17	17	15	15	14	15	15	15	16
14	15	15	15	15	15	15	16	18	20	19	19	18	17	17	16	17	21	23	24	23	24	27	29	26	19
15	21	19	15	15	16	15	15	17	17	18	18	17	16	16	16	16	17	16	15	15	15	15	15	16	16
16	15	15	14	14	13	13	13	14	14	14	13	13	14	14	14	14	15	15	15	15	15	15	15	15	14
17	14	14	14	14	14	14	14	15	15	15	15	15	15	24	19	17	23	20	21	19	17	17	24	25	17
18	21	19	17	17	19	22	21	22	21	20	19	18	19	18	19	21	20	20	21	21	22	20	19	18	20
19	17	17	17	17	17	17	17	18	20	21	20	19	19	19	21	23	23	22	21	19	18	17	19	19	19
20	17	16	17	17	17	16	16	17	17	17	17	16	15	15	15	16	16	15	15	15	15	15	15	15	16
21	15	15	16	16	16	17	17	17	18	20	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	16	16	16	16	16	16	16	17	17	17	17	16	16	17	17	17	18	18	17	17	17	17	18	18	17

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	16	16	16	15	15	15	15	15	16	16	16	16	16	16	16	16	17	18	17	17	16	15	18	18	16
5	14	14	13	13	13	13	13	14	15	15	15	15	15	15	15	15	17	17	17	16	15	15	14	13	15
6	13	13	13	13	13	13	13	13	14	15	17	17	21	19	16	15	16	16	15	14	13	15	14	13	15
7	16	18	17	16	15	15	15	15	15	15	15	15	14	15	15	17	28	20	16	15	15	15	17	19	16
8	16	18	17	17	15	15	15	15	15	16	16	17	16	15	15	15	16	15	16	16	17	16	16	15	16
9	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	16	17	16	15	15	15	14	14	17	15
10	15	13	13	13	13	14	14	14	14	14	15	15	15	14	14	15	15	16	16	16	15	15	15	15	15
11	15	15	15	14	14	14	15	16	18	18	17	15	15	16	16	16	16	18	21	22	23	23	23	22	17
12	23	21	21	19	19	18	17	17	17	19	19	17	17	16	15	17	17	16	16	16	15	14	13	17	17
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	13	15	15	13
14	15	14	14	14	13	13	13	13	13	13	13	13	13	12	12	13	13	14	14	14	13	14	15	15	14
15	14	13	13	13	13	13	13	13	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	12	13
16	12	12	11	11	12	12	11	13	13	12	11	11	11	12	13	13	16	17	17	17	17	17	18	17	14
17	16	16	17	17	16	17	17	18	17	18	19	17	19	16	17	17	19	17	17	18	19	21	21	20	18
18	19	18	18	18	19	18	19	20	21	20	19	18	18	19	18	19	20	20	19	18	18	17	19	18	19
19	18	17	17	17	19	18	17	18	19	19	19	20	19	19	19	19	20	19	19	19	18	18	18	17	18
20	19	18	17	17	19	18	17	18	19	19	19	20	19	19	19	19	20	19	19	19	18	18	18	17	18
21	16	16	16	15	14	16	15	16	17	17	19	19	19	17	17	17	17	16	17	18	19	18	19	17	17
22	15	16	16	16	16	18	18	17	17	18	19	19	19	18	17	16	16	17	16	16	18	19	18	17	17
23	17	18	18	17	16	16	17	17	15	16	17	17	17	15	16	17	17	17	17	17	16	17	17	17	17
24	16	15	16	17	17	17	18	18	18	18	18	18	18	19	20	21	22	22	22	20	18	18	19	18	16
25	14	17	17	19	17	19	21	21	21	21	19	17	18	21	22	19	19	19	19	19	19	19	19	19	19
26	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
27	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
28	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
29	17	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
30	13	14	14	14	11	11	12	13	13	13	12	12	12	13	13	11	11	13	13	15	15	15	16	16	13
31	13	14	14	14	14	14	14	14	15	15	14	15	12	12	13	13	14	13	15	15	15	15	15	16	14
MEAN	16	16	15	15	15	15	15	16	16	16	16	16	16	17	16	16	17	17	17	16	16	16	17	16	16

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	21	43	130
FEB	28	19	26	59
MAR	31	23	40	69
APR	29	18	25	38
MAY	31	16	18	34
JUN	30	19	28	43
JUL	30	20	27	39
AUG	24	20	29	51
SEP	30	19	30	61
OCT	31	20	33	59
NOV	21	17	20	30
DEC	28	16	19	33
YEAR	344	19	43	130

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	397	296	28	3	1	0	0	725
FEB	0	424	212	13	0	0	0	0	649
MAR	0	154	516	49	4	0	0	0	723
APR	0	494	170	4	0	0	0	0	668
MAY	2	680	58	2	0	0	0	0	742
JUN	11	441	244	21	0	0	0	0	717
JUL	0	390	305	11	0	0	0	0	706
AUG	0	309	214	38	0	0	0	0	561
SEP	3	433	220	42	1	0	0	0	699
OCT	27	436	212	62	0	0	0	0	737
NOV	0	444	50	0	0	0	0	0	494
DEC	1	583	44	1	0	0	0	0	629
YEAR	44	5185	2541	271	8	1	0	0	8050

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	3	13.9	16.0	17.6	20.0	24.4	28.1	32.9	38.4	130	19.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	17	16	16	16	17	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	16	15	15	16
2	16	16	16	16	17	17	17	20	22	22	19	15	16	16	16	17	18	20	22	26	27	30	32	30	20
3	34	39	39	38	28	22	21	22	21	16	12	11	12	11	12	12	13	13	12	13	13	12	12	12	19
4	10	11	13	13	13	13	13	13	13	13	13	13	15	15	15	14	14	14	15	15	15	15	15	15	14
5	15	15	16	16	16	16	16	16	16	17	17	17	16	16	16	24	26	26	26	27	27	27	27	28	20
6	28	28	27	29	29	29	29	32	32	26	22	22	22	24	25	28	28	28	29	31	33	34	33	33	28
7	34	35	34	32	30	29	31	32	28	29	27	24	23	23	23	23	21	21	23	28	26	31	40	39	29
8	38	30	28	26	27	27	26	27	24	25	25	23	24	24	24	23	22	22	28	36	34	35	34	33	28
9	41	35	35	34	32	29	27	27	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	28
10	14	15	15	15	17	17	17	18	18	18	18	16	15	13	13	13	13	13	13	13	13	13	13	13	15
11	13	13	13	13	13	13	13	13	14	14	14	13	10	10	10	10	10	10	12	13	13	13	14	14	12
12	17	17	17	18	18	18	18	40	19	17	15	13	13	8	5	5	5	5	5	5	5	5	5	5	12
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
14	7	7	7	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6
15	10	22	64	16	15	12	13	13	14	15	13	13	13	9	11	11	11	10	10	10	10	10	10	10	8
16	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	14
17	4	4	4	5	5	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4
18	13	11	9	9	9	9	12	12	12	13	14	11	11	12	14	15	15	13	13	14	16	15	16	14	7
19	19	22	19	16	13	13	12	12	11	11	10	10	10	8	7	6	7	7	7	7	9	8	6	5	11
20	7	7	7	7	7	5	6	7	8	8	9	9	8	9	10	12	14	19	24	26	26	26	24	13	13
21	21	21	18	16	15	16	19	19	15	13	10	9	6	6	6	6	5	5	5	5	5	5	5	5	11
22	7	7	7	7	7	6	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	11
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	17	17	19	16	16	15	15	17	15	15	14	13	13	12	12	13	13	13	14	16	16	16	17	16	15

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10	27	27	32	24	24	25	25	25	25	23	23	20	17	17	17	18	19	21	23	23	23	27	27	27	23
11	19	19	21	23	24	22	24	23	21	19	19	18	17	16	16	16	17	17	17	17	18	19	20	22	19
12	21	21	21	21	20	21	21	21	21	19	18	18	17	17	17	17	17	17	17	18	19	19	20	22	19
13	21	21	23	22	23	22	21	22	20	18	17	17	17	18	18	18	17	21	23	21	22	21	21	21	20
14																									
15	17	17	17	16	15	15	16	15	15	15	15	15	13	18	17	15	16	17	17	17	17	17	18	17	18
16	17	17	17	17	17	17	18	19	19	19	18	18	18	18	17	17	15	17	16	17	17	17	16	16	16
17	26	27	28	29	29	29	28	28	27	27	26	26	26	24	21	19	18	19	22	22	23	24	24	26	19
18	27	27	27	28	29	30	31	28	29	26	25	23	22	21	20	20	20	20	20	22	23	24	24	26	25
19	22	22	21	21	21	21	21	19	19	19	19	18	18	18	18	16	16	17	17	17	17	17	17	17	19
20	18	18	18	18	18	18	18	19	20	20	20	20	20	20	21	22	23	24	26	26	26	26	26	27	21
21	22	22	23	24	23	21	19	18	17	17	17	12	14	14	14	16	16	16	16	17	18	19	20	21	19
22	21	23	21	20	20	20	20	21	22	22	23	22	21	20	20	20	21	21	22	24	24	24	23	24	22
23	25	32	27	25	23	20	23	24	25	23	22	23	23	20	19	20	15	15	15	15	17	17	20	22	22
24	25	25	25	25	25	25	23	23	23	22	20	18	18	16	15	15	15	15	16	17	19	21	22	24	21
25	24	24	23	23	22	28	26	24	22	20	17	16	16	16	15	15	15	14	14	15	15	15	16	16	19
26	16	16	16	18	17	17	17	17	17	17	16	17	16	16	16	16	16	18	18	18	18	18	18	19	17
27	21	21	21	20	20	20	20	21	21	21	20	20	20	18	17	17	16	16	17	18	19	21	22	20	19
28	23	25	26	28	29	29	29	30	29	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
MEAN	22	23	23	22	22	23	23	22	22	21	21	19	19	18	18	18	18	18	19	19	20	21	21	22	21

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20	30	31	32	34	34	32	32	30	27	24	22	16	14	12	10	13	15	15	20	15	20	22	26	28	29
21	15	15	14	15	15	15	14	14	14	14	13	13	14	14	13	12	12	12	12	12	12	12	12	12	13
22	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	12	13	12	12	11	12
23	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	12	12	12	12	13	14	14	14	14	12
24	14	14	15	15	15	16	16	15	15	13	11	11	12	12	12	13	12	12	12	16	14	14	14	14	14
25	15	14	14	14	15	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13
26	12	12	13	13	13	12	12	12	12	12	11	11	10	10	10	10	10	10	11	11	11	11	11	12	11
27	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	11	12	12	12	13	14	14	14	16	14
28	14	15	15	15	15	15	15	15	14	13	13	13	13	12	13	13	13	13	13	14	14	14	14	14	13
29	15	15	15	15	15	15	15	15	15	15	15	15	14	14	16	15	15	17	18	18	19	20	21	18	19
30	19	20	19	19	18	18	18	18	18	18	16	15	16	16	16	16	16	16	17	18	18	18	19	18	17
31	18	18	17	16	16	16	17	17	17	17	17	18	17	17	17	17	17	17	17	17	17	17	17	17	17
MEAN	16	16	16	16	16	16	16	15	15	14	13	13	13	13	13	13	13	13	14	15	15	15	16	16	15

PERCENTAGE OF DATA VALID - 39

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	16	16	16	15	15	15	15	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15
2	15	15	14	14	14	14	14	14	14	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15
3	16	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4	16	16	16	19	20	19	17	17	17	17	17	16	16	16	16	17	16	15	15	15	15	15	15	15	16
5	15	15	15	15	15	15	16	16	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	17	17
6	18	19	19	19	19	19	19	19	19	19	19	19	18	19	18	18	18	19	19	20	22	21	20	23	19
7	24	20	20	21	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	20
8	19	19	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	21	21	20	20	20	20
9	20	20	21	21	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
10	17	17	17	17	17	17	17	16	16	16	16	16	16	16	15	16	16	17	17	18	19	19	19	19	17
11	19	19	19	19	19	19	19	19	19	18	18	18	17	17	17	17	16	17	17	18	19	19	19	19	18
12	19	19	19	19	20	20	21	20	19	18	17	17	16	16	17	16	15	15	15	16	17	18	18	19	18
13	19	19	19	19	19	19	18	18	18	17	17	17	17	17	17	16	16	16	17	18	18	18	18	18	18
14	18	19	20	21	21	21	21	20	19	19	18	18	18	18	18	18	18	18	20	21	24	24	21	20	20
15	22	22	23	23	23	23	24	23	21	20	20	20	19	19	20	20	22	22	22	23	22	22	22	21	22
16	22	21	21	21	21	20	20	20	20	18	19	20	18	18	19	19	19	19	19	19	19	19	19	19	20
17	17	16	16	17	17	17	17	17	17	16	15	14	14	14	14	14	14	14	14	15	15	15	15	15	16
18	16	16	19	18	19	18	18	17	17	16	15	14	14	14	14	14	14	14	14	15	15	15	15	15	16
19	18	18	18	18	18	17	17	17	16	15	15	14	15	15	15	16	17	18	18	18	18	18	18	18	17
20	18	18	18	18	18	17	17	17	16	15	15	14	15	15	15	16	17	18	18	18	18	18	18	18	17
21	20	20	20	22	22	20	21	19	18	18	17	17	17	17	17	18	18	18	18	18	18	18	18	18	19
22	19	19	19	19	19	18	18	18	18	18	18	18	16	15	15	15	15	15	15	16	16	16	16	16	17
23	17	18	18	18	17	17	17	18	18	17	17	17	16	16	16	16	16	16	16	17	17	17	17	17	17
24	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
25	18	19	19	20	19	19	19	19	18	17	17	17	17	17	16	17	17	17	17	18	18	18	18	18	18
26	19	21	21	20	20	19	18	18	19	19	19	19	15	15	14	14	15	15	15	15	15	15	15	15	17
27	13	13	13	13	13	13	14	14	14	14	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14
28	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	17	17	25	21	16
29	21	24	23	20	18	18	18	18	18	18	17	17	18	15	15	16	15	15	15	16	16	16	17	18	18
30	21	24	23	20	18	18	18	18	18	18	17	17	18	15	15	16	15	15	15	16	16	16	17	18	18
MEAN	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	17

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	18	18	18	18	18	18	18	20	20	20	19	18	18	17	****	16	15	14	14	14	15	15	15	15	17	
2	15	14	14	14	14	14	14	15	14	14	14	14	13	13	13	14	14	14	14	15	15	15	16	16	14	
3	16	16	16	16	16	16	16	16	16	16	15	14	15	15	15	16	16	16	16	16	16	16	16	16	16	
4	16	16	16	16	16	16	17	17	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	16	
5	15	15	15	15	15	15	16	15	15	15	15	15	15	15	15	16	16	16	16	16	17	17	18	18	16	
6	19	19	18	18	18	18	18	18	17	17	17	17	17	17	17	17	18	18	18	19	25	22	21	20	18	
7	20	20	20	21	21	21	20	18	18	18	19	18	18	18	18	19	20	20	20	20	20	20	21	20	20	
8	22	21	20	21	20	20	20	19	19	19	19	19	18	18	18	18	18	18	18	19	19	19	19	19	19	
9	18	18	18	18	18	19	19	19	19	20	20	19	19	18	18	11	10	11	11	11	11	11	11	11	16	
10	11	12	12	12	12	13	13	12	13	13	14	14	15	15	16	16	16	16	15	15	14	14	14	14	14	
11	14	14	14	14	14	15	15	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	16	14	
12	15	14	15	15	14	14	14	14	14	14	14	14	14	14	13	13	13	14	14	14	13	13	13	13	14	
13	13	13	13	13	13	13	13	13	14	14	13	13	13	13	13	14	14	14	14	13	13	14	14	14	13	
14	13	13	13	13	13	13	13	12	12	13	13	12	12	12	12	12	13	13	13	13	14	16	15	15	13	
15	15	15	15	14	15	17	17	17	17	16	15	15	15	15	15	14	14	15	15	15	16	16	16	16	15	
16	16	17	18	18	18	18	17	16	16	16	16	15	14	****	****	15	15	14	14	14	14	14	14	14	16	
17	15	14	15	16	17	17	17	14	13	13	13	12	12	12	13	14	14	14	14	14	14	14	14	14	14	
18	14	14	14	14	14	15	15	15	14	14	14	13	13	13	13	13	13	14	14	14	15	16	16	17	14	
19	18	17	17	16	16	19	16	15	14	14	14	13	13	13	13	13	13	14	16	15	15	17	18	17	15	
20	17	17	17	18	21	22	19	18	18	17	16	14	14	14	14	14	14	14	14	14	15	17	18	17	15	
21	15	16	16	16	16	16	16	16	15	15	14	14	14	14	15	15	16	17	17	17	17	19	18	18	16	
22	18	18	18	18	18	18	17	17	16	16	17	17	17	17	17	19	19	19	21	21	20	22	22	22	18	
23	22	22	21	21	21	22	20	18	17	17	17	18	19	15	15	14	14	16	16	15	15	16	16	16	18	
24	16	15	15	15	15	16	16	16	16	16	17	16	16	16	15	14	14	15	15	15	16	17	16	15	16	
25	15	14	14	14	14	16	16	16	15	14	14	13	13	13	14	13	13	13	13	14	14	15	14	14	14	
26	14	15	15	14	15	14	15	15	14	14	14	14	14	14	14	14	15	15	16	16	16	16	17	16	15	
27	16	18	18	17	17	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	
28	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	16	16	16	15	
29	16	16	15	15	15	16	16	16	16	16	15	15	14	14	14	14	14	15	15	16	17	17	17	17	15	
30	17	17	17	18	18	19	18	17	18	18	18	18	18	13	13	12	12	11	12	13	14	12	12	12	13	15
31	12	12	13	13	13	13	12	12	13	13	13	12	12	11	11	11	11	12	11	11	12	12	12	12	12	
MEAN	16	16	16	16	16	17	16	16	16	16	15	15	15	15	15	14	15	15	15	15	16	16	16	16	15	

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	12	12	12	13	14	14	14	16	14	15	14	14	14	15	14	14	15	15	14	14	15	16	14
2	16	16	16	16	16	17	16	15	15	15	15	15	15	15	15	15	15	17	16	17	18	19	19	19	16
3	19	20	20	19	19	19	19	18	18	17	16	16	16	16	16	16	16	17	17	17	17	18	19	19	16
4	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	17	17	18	18	20	19	19	19	18	16
5	18	19	18	18	18	18	18	17	17	17	17	17	17	17	17	19	22	21	21	21	21	20	19	19	19
6	19	19	18	18	18	18	18	17	17	17	17	18	18	17	17	17	17	17	17	17	19	19	18	18	18
7	18	18	18	19	19	18	18	18	18	18	18	18	18	18	18	14	16	16	16	16	16	15	15	15	17
8	15	15	16	16	16	16	16	15	15	15	15	15	15	15	15	16	17	18	18	18	18	18	18	16	16
9	17	17	16	16	16	16	16	16	15	15	16	16	16	17	17	18	20	20	21	21	21	21	21	20	18
10	22	19	19	20	23	21	18	17	17	17	17	18	18	18	18	19	21	21	23	23	23	23	22	20	20
11	22	21	20	21	21	20	20	20	21	21	21	21	21	23	25	26	27	27	27	26	26	24	23	22	23
12	22	21	21	22	21	21	21	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
13																									
14																									
15																									
16	17	16	16	16	16	15	15	15	15	15	14	14	14	15	15	16	18	18	18	16	15	13	12	11	15
17	11	11	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	11	10
18	11	11	11	11	11	11	11	11	11	11	11	10	10	11	11	12	12	13	13	14	14	14	14	14	12
19	14	15	15	15	14	14	14	14	14	13	12	13	13	13	13	15	15	17	18	18	18	18	17	15	15
20	15	15	15	15	15	16	16	15	15	15	16	15	15	16	17	19	19	20	21	21	21	21	21	19	17
21	20	20	26	20	20	19	20	18	18	17	17	17	16	16	16	17	17	17	18	18	18	18	17	18	18
22	17	18	16	15	14	15	15	15	14	14	14	14	14	14	14	14	16	16	17	17	17	17	17	18	16
23	19	18	17	16	15	14	14	14	13	13	14	14	14	15	15	15	15	15	15	15	23	19	17	16	16
24	16	16	15	14	12	12	12	12	12	12	12	12	11	11	11	12	13	13	13	13	14	15	15	14	13
25	14	15	15	14	14	14	14	16	15	14	14	14	14	14	14	15	16	17	18	20	21	19	18	17	16
26	16	14	15	15	15	16	16	15	15	15	15	16	16	16	17	18	19	19	19	19	17	18	17	17	16
27	16	15	15	15	15	15	14	15	15	15	14	15	17	18	18	20	21	22	23	25	27	28	26	29	19
28	30	31	31	29	23	20	18	18	16	15	15	17	16	16	16	16	17	17	16	17	19	23	28	31	21
29	32	32	27	25	28	27	26	23	16	8	9	9	9	10	11	11	12	14	16	20	28	32	33	36	21
30	36	38	40	40	46	44	37	31	23	20	18	15	13	12	13	15	17	17	17	17	19	23	27	28	26
MEAN	19	18	18	18	18	18	17	16	16	15	15	15	15	15	15	16	17	17	18	18	19	19	19	19	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION															
STATION - SIMCOE HORTICULTURAL STATION												NO 16001															
												MONTH JUL 73															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
DAY																											
1	31	33	35	39	36	32	27	24	22	21	21	20	22	23	18	18	20	23	26	30	36	39	38	38	28		
2	40	41	40	42	43	41	42	41	39	35	30	24	21	20	23	23	24	26	29	34	37	40	41	40	34		
3	36	33	34	34	33	39	38	38	40	41	40	39	35	27	25	26	28	28	26	25	27	29	31	33	33		
4	36	36	35	32	31	33	34	36	30	26	22	22	22	16	17	17	17	21	19	22	28	33	33	32	29		
5	30	31	32	32	29	30	30	27	23	18	18	17	16	17	17	17	19	19	20	21	25	27	29	31	24		
6	29	29	31	34	32	32	28	22	17	16	17	17	19	20	15	13	14	15	17	17	17	18	18	18	21		
7	20	23	23	22	19	22	20	19	17	16	14	14	13	15	15	15	17	18	19	20	19	19	21	19	18		
8	19	19	17	17	19	19	20	18	17	17	17	18	16	17	18	19	21	21	22	22	22	22	22	22	19		
9	20	23	28	33	33	33	33	28	23	20	21	21	20	20	21	22	23	25	27	32	36	36	36	40	27		
10	28	31	32	34	33	30	30	32	35	30	23	22	19	17	18	18	19	20	20	23	26	27	26	27	26		
11	22	22	21	19	18	17	16	14	14	7	7	6	7	7	7	9	9	8	8	9	9	12	17	21	13		
12	22	25	27	25	23	20	17	11	9	6	5	5	5	5	5	4	4	4	4	4	5	5	7	21	11		
13																											
14																											
15																											
16																											
17																											
18	22	22	22	23	26	31	27	23	18	18	18	17	16	17	17	19	20	21	23	26	29	32	35	38	23		
19	41	41	41	41	38	38	37	35	32	24	23	23	20	20	20	20	20	21	22	23	24	29	33	32	29		
20	26	22	23	25	26	33	36	35	19	21	18	14	17	19	19	20	22	23	23	25	24	26	26	25	24		
21	18	21	20	20	19	18	18	15	13	13	13	13	12	13	13	13	14	15	18	22	30	21	26	23	18		
22	19	20	20	21	20	20	20	18	18	16	14	15	14	14	16	16	17	18	19	21	23	24	22	23	19		
23	20	19	19	21	22	23	22	16	14	15	15	16	15	16	17	17	19	19	20	20	20	21	21	21	19		
24	19	19	19	21	21	22	22	19	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19		
25	12	14	12	11	11	15	14	14	11	11	11	9	8	10	9	10	12	11	13	13	13	13	14	17	12		
26	15	13	14	15	13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
27																											
28	15	14	14	14	14	13	13	13	14	14	14	14	14	14	14	15	16	16	16	16	15	15	16	15	15		
29	15	14	14	13	12	12	12	12	11	11	12	12	13	13	14	15	16	19	20	22	22	21	21	20	15		
30	19	18	17	17	19	20	18	19	17	15	15	16	16	16	17	17	18	19	20	21	21	21	24	24	19		
31	23	23	23	23	25	25	22	19	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19		
MEAN	24	24	25	25	25	25	25	23	21	19	18	17	15	15	16	16	17	18	19	21	23	23	24	25	21		
PERCENTAGE OF DATA VALID -		78																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION																	
STATION - SIMCOE HORTICULTURAL STATION										NO 16001																	
										MONTH AUG 73																	
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1													- DATA MISSING -														
2													- DATA MISSING -														
3													- DATA MISSING -														
4													- DATA MISSING -														
5													- DATA MISSING -														
6													- DATA MISSING -														
7													- DATA MISSING -														
8													- DATA MISSING -														
9													- DATA MISSING -														
10													- DATA MISSING -														
11													- DATA MISSING -														
12													- DATA MISSING -														
13													- DATA MISSING -														
14													- DATA MISSING -														
15													- DATA MISSING -														
16													- DATA MISSING -														
17												20	20	20	19	20	21	21	21	21	21	23	24	24	24		
18	21	22	23	24	23	23	23	23	22	21	20	20	21	21	21	21	21	23	24	23	22	23	24	23	22		
19	23	23	22	22	22	21	21	21	21	20	20	20	21	21	21	21	23	23	25	25	25	25	26	26	23		
20	24	25	23	23	23	24	22	20	19	20	19	19	18	18	17	18	18	18	18	17	18	18	18	18	20		
21	19	19	19	18	18	17	17	17	17	17	15	15	15	15	15	15	14	15	15	15	15	16	16	16	16		
22	16	16	16	16	16	16	16	15	14	14	14	15	14	14	15	15	16	17	18	18	19	19	21	20	16		
23	20	19	19	19	20	19	21	21	18	17	16	15	15	15	15	16	17	18	16	17	19	17	18	18	18		
24	18	17	18	20	19	19	20	19	19	19	22	22	22	22	22	15	15	15	15	16	22	19	21	20	24		
25	22	23	23	23	24	25	25	25	26	20	16	15	14	13	13	13	14	14	14	13	13	13	13	13	19		
26	24	26	22	21	21	20	24	23	21	18	16	15	14	16	17	16	16	17	17	18	19	20	21	21	18		
27	20	21	21	21	21	21	21	21	21	21	21	20	18	18	17	17	17	21	23	23	24	23	22	23	21		
28	24	26	22	21	21	20	20	20	19	17	16	14	14	14	15	16	18	19	21	21	23	24	26	25	20		
29	25	29	24	25	22	22	22	21	19	14	12	13	13	14	15	16	18	17	17	18	18	19	20	24	19		
30	19	19	18	23	18	15	19	14	12	11	10	10	11	11	12	12	12	12	12	12	12	12	12	12	12		
31													- DATA MISSING -														
MEAN	21	22	21	21	21	21	21	20	19	18	17	16	16	16	16	17	18	19	19	19	20	21	21	22	19		
PERCENTAGE OF DATA VALID -				40																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	13	12	11	9	8	****	8	9	9	9	9	11	14	15	18	15	16	12
2	16	17	17	16	16	14	14	12	10	9	8	7	8	9	8	8	10	11	12	14	16	14	15	14	12
3	13	13	12	12	12	11	11	11	10	9	7	7	7	7	9	10	12	13	13	12	13	16	11	****	11
4	****	****	****	****	****	****	****	****	****	****	****	****	11	11	12	13	14	15	17	19	23	21	23	25	****
5	24	22	19	20	21	18	17	15	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
8	33	33	35	35	35	36	36	33	30	28	27	26	23	22	22	21	21	21	22	25	28	35	37	33	****
9	32	33	33	34	35	35	35	35	34	34	32	29	28	25	25	23	23	24	25	27	29	30	32	33	30
10	35	34	35	36	36	38	39	37	34	33	31	30	28	27	26	23	23	24	25	28	30	34	33	34	31
11	31	32	33	33	33	34	34	34	32	29	27	25	25	23	23	24	25	24	26	28	30	31	32	33	29
12	33	34	35	36	39	40	39	42	37	33	32	31	30	28	27	26	26	26	27	30	33	36	37	39	33
13	39	41	41	43	46	47	45	45	43	41	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	24	24	25	25	25	25	25	26	24	23	21	20	18	17	15	13	13	13	14	15	15	16	16	17	20
15	18	18	19	21	23	24	24	25	22	19	17	16	14	13	12	11	12	13	13	13	14	14	15	15	17
16	16	16	17	18	18	19	19	19	17	17	17	16	16	14	15	14	14	15	15	17	19	22	22	23	17
17	25	26	27	28	26	28	30	30	28	26	23	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
21	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22	21	21	21	21	21	20	18	18	14	13	11	9	8	7	6	6	6	5	6	7	8	10	11	12	13
23	12	13	15	16	16	17	16	15	14	12	12	12	11	9	8	7	7	7	8	10	11	15	16	16	12
24	18	18	18	18	19	21	22	22	21	21	19	17	17	11	10	9	9	9	9	12	14	15	17	18	16
25	19	19	20	21	22	23	23	22	19	15	12	10	10	9	8	8	7	7	8	9	10	11	11	14	16
26	12	12	14	14	14	15	16	15	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	11	12	12	12	12	12	13	13	12	13	11	10	8	7	7	7	7	8	9	10	10	11	12	11	10
28	12	13	14	15	15	15	15	17	17	15	15	13	12	11	11	11	10	11	12	12	13	13	14	15	13
29	15	14	14	14	14	15	18	15	12	12	12	12	10	9	8	7	6	6	8	10	10	12	14	14	12
30	16	16	18	19	21	23	25	21	17	15	15	14	13	12	10	9	9	9	11	13	15	16	19	21	16
MEAN	22	22	22	23	24	24	24	23	21	21	18	16	16	14	14	13	13	14	15	16	18	19	20	21	19

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 73

		MONTH OCT 73																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	22	23	24	25	25	25	25	23	19	15	13	12	10	10	9	9	9	9	9	9	9	9	9	16
2	11	10	10	10	10	10	9	9	9	10	9	9	9	8	7	6	7	8	8	7	6	7	8	8	8
3	7	8	9	8	9	9	9	10	10	9	7	7	9	7	7	7	7	8	8	8	8	8	10	10	8
4	9	10	12	16	14	14	21	17	13	11	7	7	6	6	6	7	6	5	5	4	3	3	4	4	9
5	5	5	6	8	10	12	13	14	14	****	****	****	16	15	14	13	12	11	13	16	19	20	23	24	13
6	25	25	25	24	24	25	26	26	25	23	19	17	15	15	14	13	12	13	14	15	17	20	22	25	20
7	22	24	25	25	24	25	26	26	26	26	23	21	19	15	13	12	12	12	13	14	16	15	16	17	19
8	18	19	20	20	21	22	22	23	22	19	16	13	12	12	12	11	11	11	13	15	17	18	19	20	17
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10	18	20	21	21	22	23	24	25	27	23	21	20	23	11	8	8	7	11	11	13	15	15	17	17	18
11	19	19	19	20	19	21	21	20	18	15	12	11	10	9	8	8	9	10	12	14	15	15	16	15	15
12	18	18	19	21	19	19	19	19	16	15	13	11	13	13	12	12	12	13	14	14	15	15	16	15	15
13	16	17	17	17	18	18	18	19	19	19	18	17	17	15	14	15	17	17	17	18	18	20	20	17	17
14	21	23	23	24	25	26	27	28	27	25	23	22	21	19	18	18	18	18	18	18	18	18	18	18	18
15	21	19	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	21	19	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	19	17	16	15	15	16	16	17	17	18	17	18	19	19	19	18	15	15	15	17	17	18	18	18	18
18	22	23	23	23	22	21	21	22	21	21	20	21	20	20	19	19	19	19	19	19	20	21	21	22	18
19	26	25	27	26	25	28	27	25	24	18	15	15	16	17	17	16	16	16	16	16	16	15	15	14	20
20	15	16	16	17	18	18	18	17	18	18	17	17	15	15	15	15	15	16	16	17	18	19	19	19	17
21	19	20	20	21	21	22	23	21	20	18	18	17	17	17	17	18	17	17	18	19	19	21	20	21	19
22	23	25	26	23	25	25	24	24	22	18	17	17	16	16	16	17	16	18	18	19	21	20	22	25	21
23	34	25	24	25	25	23	22	21	21	22	21	18	16	15	15	15	15	16	18	19	21	20	22	24	21
24	24	24	29	25	26	24	25	25	26	24	22	21	21	19	15	16	16	16	19	22	22	22	21	21	20
25	22	22	22	22	20	20	20	19	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	20	21	21	23	23	23	23	23	23	21	20	19	19	18	18	17	16	16	17	17	17	18	19	19	19
28	23	23	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22	22	22	21	20	20	21	22	21
29	20	20	20	20	19	19	19	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
30	13	13	13	14	14	14	13	13	13	13	12	12	12	11	11	11	11	11	11	11	11	13	16	14	13
31	15	14	15	14	14	14	16	16	14	14	13	12	12	11	12	13	13	13	13	12	12	13	13	13	13
MEAN	19	19	19	20	20	20	20	20	20	18	17	16	16	14	14	13	13	14	15	15	16	17	17	18	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - SIMCOE HORTICULTURAL STATION													NO 16001												
													MONTH NOV 73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2	21	20	20	18	17	16	16	16	16	17	14	15	16	15	15	15	14	14	13	14	17	18	21	21	17
3	23	24	24	25	25	25	24	25	25	27	27	26	26	24	22	22	22	22	23	24	25	26	26	27	25
4	26	25	25	25	24	24	24	24	24	25	25	25	25	23	22	21	21	21	20	20	22	23	23	23	23
5	25	25	27	26	26	26	27	29	28	28	27	26	25	24	22	21	21	21	20	20	22	23	23	23	23
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21		21	21	21	21	21	21	19	18	18	17	17	17	17	17	17	17	16	16	16	15	14	13	12	18
22		12	11	10	9	8	8	7	7	6	6	6	7	8	8	8	8	8	8	8	8	8	8	8	8
23		22	22	23	23	22	21	21	23	23	23	24	24	24	25	24	23	23	24	26	26	28	28	29	29
24		28	27	27	27	25	24	23	24	24	24	24	24	24	24	24	23	23	19	19	19	18	18	19	21
25		22	22	23	23	22	21	21	23	23	23	24	24	25	24	23	23	24	26	26	28	28	28	25	24
26		26	25	24	26	25	25	25	25	25	25	25	25	25	25	25	25	28	29	29	27	27	29	29	26
27		28	29	29	28	30	29	28	29	28	29	33	18	17	17	17	17	17	18	17	18	19	19	18	19
28		23	25	23	23	21	19	20	22	21	20	19	18	18	17	16	17	17	17	17	17	18	18	19	19
29		19	19	19	19	20	20	20	21	22	22	22	22	22	22	21	21	26	23	22	25	26	25	22	22
30		22	22	22	22	22	22	23	21	24	23	24	24	25	23	21	15	16	17	17	17	17	17	17	20
MEAN		23	23	23	22	22	22	21	22	22	22	21	21	21	20	20	20	20	20	21	21	22	22	22	21
PERCENTAGE OF DATA VALID -													43												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION														
		STATION - SIMCOE HORTICULTURAL STATION										NO 16001														
												MONTH DEC 73														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		17	17	18	18	19	18	18	19	19	19	19	19	18	18	18	17	19	21	24	22	21	22	23	23	19
2		23	21	21	20	20	20	21	21	20	19	19	19	20	22	20	19	19	21	21	21	20	21	21	21	20
3		21	21	21	21	19	19	19	19	19	19	18	19	18	18	19	18	18	18	18	18	18	19	19	19	19
4		18	18	18	19	18	18	18	19	19	19	19	20	20	21	17	14	12	13	12	15	14	14	14	17	17
5		17	16	15	15	14	14	13	13	13	13	13	13	13	13	13	13	12	12	12	11	12	13	17	14	14
6		13	12	12	11	12	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7		21	22	21	23	22	21	22	22	23	21	21	21	13	13	13	13	15	15	15	14	14	14	15	15	18
8		15	15	16	15	15	15	15	14	13	14	13	13	12	13	13	13	15	15	15	14	14	14	15	15	18
9														- DATA MISSING -												
10														- DATA MISSING -												
11														- DATA MISSING -												
12														- DATA MISSING -												
13		19	19	20	21	21	19	19	19	17	16	17	17	17	17	18	17	17	17	18	19	18	17	16	18	18
14		16	16	15	15	15	15	16	16	16	16	17	16	16	16	16	16	16	16	17	18	19	19	19	19	19
15		16	16	16	16	15	15	15	15	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16
16														- DATA MISSING -												
17														- DATA MISSING -												
18														- DATA MISSING -												
19														- DATA MISSING -												
20		17	17	18	17	17	18	17	17	17	17	17	19	16	16	16	16	17	17	17	17	18	17	17	17	17
21		16	16	18	19	19	20	20	18	18	18	18	18	18	18	18	18	21	22	23	25	25	27	27	27	20
22		26	26	25	25	25	27	27	27	26	27	29	29	29	26	27	28	28	28	28	28	28	28	28	28	27
23														- DATA MISSING -												
24														- DATA MISSING -												
25		20	18	17	17	18	19	20	18	17	18	18	19	19	20	19	19	19	19	19	19	19	18	19	19	19
26		19	19	20	21	24	25	23	24	27	31	29	28	27	28	28	28	28	27	27	26	25	24	23	23	25
27		23	23											- DATA MISSING -												
28														- DATA MISSING -												
29														- DATA MISSING -												
30														- DATA MISSING -												
31		18	19	19	18	18	19	19	18	18	18	18	18	17	18	17	20	20	21	23	20	21	20	21	22	19
MEAN		19	18	18	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18	18	18	18	18	19	19	18
PERCENTAGE OF DATA VALID -		60																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	15	29	64
FEB	21	21	25	32
MAR	13	15	22	34
APR	30	17	22	25
MAY	31	15	20	25
JUN	28	17	26	46
JUL	27	21	34	43
AUG	14	19	23	29
SEP	26	19	33	47
OCT	31	17	22	34
NOV	15	21	26	33
DEC	24	18	27	31
YEAR	282	18	34	64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	178	210	88	33	1	0	0	0	510
FEB	0	204	250	3	0	0	0	0	457
MAR	7	265	13	6	0	0	0	0	291
APR	0	561	116	0	0	0	0	0	677
MAY	1	694	45	0	0	0	0	0	740
JUN	34	490	115	16	0	0	0	0	655
JUL	38	246	209	92	0	0	0	0	585
AUG	2	159	143	0	0	0	0	0	304
SEP	97	249	133	76	0	0	0	0	555
OCT	92	348	235	1	0	0	0	0	676
NOV	11	90	213	1	0	0	0	0	315
DEC	4	320	123	1	0	0	0	0	448
YEAR	464	3836	1683	229	1	0	0	0	6213

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70	2	11.0	14.4	16.6	19.2	24.6	28.0	33.5	37.0	64	17.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION														MEAN		
	STATION - BARTON/WENTWORTH HAM								OAMST				NO 29025		MONTH JAN 73														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
1	14	14	14	13	13	13	13	13	12	12	13	13	13	13	13	14	14	15	13	13	13	14	14	14	13				
2	13	12	12	12	12	14	15	16	16	16	16	16	15	16	16	18	20	19	17	8	13	13	14	14	14				
3																													
4																													
5	10	10	9	9	9	9	10	11	11	12	14	14	14	14	15	16	18	16	15	15	15	15	15	14	13				
6	14	14	14	13	13	13	14	15	15	16	15	14	14	14	14	14	14	14	14	15	16	17	17	17	15				
7	15	15	15	15	15	17	16	16	16	17	17	15	14	16	15	14	14	14	15	15	15	15	17	19	16				
8	18	15	16	15	15	16	16	18	18	18	11	11	11	10	12	10	13	14	19	14	13	11	11	9	14				
9	7	7	7	7	7	7	6	6	6	6	11	12	12	11	11	9	11	12	12	11	10	10	11	10	10				
10	9	8	8	8	8	8	10	11	11	11	10	12	12	12	13	13	13	14	14	14	13	13	13	12	12	11			
11	11	11	11	11	11	12	12	14	14	14	14	14	14	14	14	15	16	15	15	15	15	15	15	15	14	14			
12	14	14	13	13	13	13	15	16	16	15	15	15	13	13	15	15	18	17	17	18	21	22	21	20	16				
13	18	18	16	16	15	15	15	17	17	18	21	18	18	21	20	20	20	18	17	17	17	17	16	16	15	17			
14	15	15	14	13	13	13	14	14	15	14	13	13	13	14	13	14	13	13	15	16	16	16	18	17	14	17			
15	17	17	17	17	17	17	19	22	23	21	18	17	16	16	16	18	18	17	14	13	13	13	13	14	17	17			
16	14	15	12	12	11	11	12	14	13	12	12	12	12	12	12	19	12	12	12	12	12	12	12	12	13	13			
17	11	11	12	12	12	12	13	14	14	13	13	13	13	14	16	17	21	18	16	14	14	14	13	13	14	14			
18	15	13	13	13	12	12	14	15	16	17	15	15	16	18	19	20	21	20	17	15	14	14	14	14	16	16			
19	14	14	13	13	11	12	14	17	16	16	16	16	16	13	14	15	15	15	15	15	14	13	13	13	16	16			
20	12	13	13	13	13	14	14	14	11	11	15	14	15	15	15	15	17	17	17	17	18	18	16	16	15	15			
21	16	16	16	16	16	18	22	24	19	20	20	21	18	17	18	18	18	18	18	18	20	22	22	21	19	19			
22	22	20	19	19	21	23	30	43	28	42	27	20	19	15	16	17	20	18	13	14	13	11	11	11	21	21			
23	11	11	11	10	11	11	12	14	13	13	13	12	12	13	14	14	18	15	14	14	13	13	13	14	13	13			
24	13	13	13	13	13	13	14	15	15	14	14	14	14	14	15	16	17	17	16	16	16	17	17	15	15	15			
25	16	16	16	15	15	15	19	20	19	17	17	15	15	15	15	16	20	20	17	18	18	18	26	24	18				
26	27	26	23	23	21	22	26	40	45	30	23	19	21	19	19	28	29	24	20	18	15	14	18	15	24	24			
27	14	14	16	15	15	17	16	16	16	17	16	16	15	16	14	15	17	17	15	16	12	9	9	9	15	15			
28	9	8	8	8	8	7	7	7	7	7	7	7	10	10	10	11	11	11	8	8	9	10	9	10	9	9			
29	8	8	8	8	8	9	9	8	8	7	7	7	7	5	5	6	6	6	5	5	5	5	5	5	7	7			
30	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
31	16	16	18	18	19	19	20	21	23	26	24	23	21	21	22	22	24	24	22	24	24	22	22	22	21	21			
MEAN	14	14	13	13	13	14	15	17	17	16	15	16	15	14	15	16	17	16	15	15	15	14	15	14	15	15			

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION														
	STATION - BARTON/WENTWORTH HAM								OAMST				NO 29025				MONTH FEB 73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	22	22	22	20	20	20	24	40	32	27	30	30	32	36	39	33	47	54	43	36	40	28	25	26	31	31	
2	28	29	31	27	25	27	30	40	40	40	35	35	39	45	57	54	39	29	15	13	13	13	12	13	30	30	
3	14	12	11	10	12	12	14	14	14	14	15	16	16	16	17	17	15	15	15	17	14	15	15	15	14	14	
4	13	13	12	12	12	13	13	15	14	15	15	14	15	15	15	15	15	15	15	16	16	15	14	15	14	14	
5	15	13	15	15	15	14	16	16	17	19	14	13	13	13	16	16	13	13	13	14	12	12	13	13	14	14	
6	13	12	12	12	11	11	14	15	15	14	14	15	15	16	16	18	22	30	35	20	14	18	20	23	17	17	
7	27	23	17	15	13	13	15	16	18	15	15	15	15	15	16	17	14	17	15	15	16	14	15	15	16	16	
8	14	12	11	10	9	9	11	11	11	11	11	11	13	13	13	13	15	18	17	16	15	16	14	15	15	13	
9	14	12	11	10	10	10	14	15	18	19	21	19	16	14	15	15	22	19	16	15	14	15	15	15	17	17	
10	13	13	14	14	14	14	14	17	16	16	15	15	16	15	14	13	13	14	14	15	15	16	16	15	15	15	
11	14	15	16	17	15	16	16	16	16	16	17	17	16	16	17	18	16	15	15	17	17	17	17	17	16	16	
12	16	16	16	15	15	15	17	19	21	20	20	20	16	18	18	19	22	19	19	18	18	20	23	21	18	18	
13	19	19	17	25	33	29	30	33	36	28	18	12	10	13	16	15	18	17	17	16	24	31	31	23	22	22	
14	16	33	34	21	15	17	21	21	19	18	18	13	12	12	10	14	12	10	11	11	9	9	8	7	15	15	
15	16	33	34	21	15	17	21	21	19	18	18	13	12	12	10	14	12	10	11	11	10	10	10	9	10	10	
16	8	9	10	11	11	11	12	12	12	13	14	14	14	14	14	14	14	14	15	14	15	15	15	14	13	13	
17	13	12	12	12	13	16	15	15	14	14	13	13	15	17	18	21	18	19	16	16	16	16	16	17	15	15	
18	14	15	14	13	13	12	12	13	13	13	13	14	13	14	13	12	13	13	13	13	13	12	12	12	13	13	
19	12	11	10	10	10	10	14	15	18	17	16	16	15	14	12	12	14	11	8	8	7	7	7	6	12	12	
20	5	4	5	4	3	3	5	7	8	10	12	12	12	12	13	15	19	21	23	19	12	10	13	11	11	11	
21	11	12	9	9	9	10	12	18	20	20	19	21	16	14	16	18	20	16	13	14	14	15	12	11	15	15	
22	11	11	12	12	10	10	12	18	14	12	19	5	5	5	7	8	7	7	6	4	5	5	7	9	9	9	
23	6	6	7	7	6	6	8	11	15	15	11	10	8	7	8	9	10	9	9	11	10	10	9	9	9	9	
24	9	9	9	8	8	8	10	11	11	9	9	9	9	9	9	9	9	9	10	10	10	10	12	14	10	10	
25	12	13	12	13	13	13	14	14	11	10	10	10	10	10	9	10	9	9	9	9	8	8	9	10	11	11	
26	10	9	8	9	9	9	10	10	11	11	11	11	12	13	13	13	13	13	13	13	12	12	13	13	11	11	
27	13	11	10	10	10	9	13	14	14	13	13	12	11	11	10	10	10	10	10	10	10	11	13	14	11	11	
28	14	13	13	12	13	13	15	16	17	15	11	9	11	11	10	12	15	14	13	12	10	10	10	11	13	11	13
MEAN	14	14	14	13	13	13	15	17	17	17	16	15	14	15	16	16	17	16	15	14	14	14	14	14	14	15	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	11	8	8	8	12	15	13	12	10	10	10	9	11	10	12	11	9	12	12	10	12	17	11
2	20	16	13	12	16	18	17	20	***	20	20	19	18	17	17	15	17	15	13	14	13	11	9	9	16
3	9	8	8	8	8	8	8	8	8	8	9	9	10	10	10	12	11	11	10	13	8	9	13	20	10
4	18	14	12	9	8	8	9	10	9	9	9	10	12	11	10	10	15	13	12	12	11	13	13	11	11
5	13	9	9	9	9	9	8	8	8	8	9	8	8	9	11	11	10	10	10	10	10	10	10	10	9
6	10	10	10	10	10	10	16	19	15	14	14	14	12	13	13	14	14	14	14	14	13	12	15	17	13
7	16	12	10	11	10	10	19	20	15	9	10	10	19	17	19	12	10	10	9	9	10	10	9	17	13
8	8	8	9	9	9	8	9	10	11	14	12	11	13	13	14	15	16	15	16	15	19	16	17	22	13
9	19	18	22	22	24	24	18	20	20	16	13	10	9	9	9	9	9	9	9	9	7	7	7	8	14
10	8	8	8	8	8	10	10	10	10	10	10	11	12	12	13	14	9	10	12	13	13	10	11	11	10
11	11	11	10	8	8	8	8	9	9	8	12	13	13	12	12	12	14	10	8	11	15	12	7	6	10
12	5	5	6	6	7	5	6	7	***	10	10	11	9	9	9	11	12	12	13	12	11	15	13	15	10
13	14	14	13	13	9	9	11	12	13	13	16	17	17	18	***	***	24	23	***	***	***	***	***	***	15
14	***	***	***	***	***	***	***	***	***	***	17	16	17	17	17	16	14	14	15	15	15	14	13	***	15
15	13	13	13	13	12	13	13	14	17	***	***	30	21	14	12	14	14	14	14	15	16	15	15	15	15
16	14	14	15	14	15	15	15	15	15	15	16	18	18	18	18	16	20	21	18	14	12	14	14	12	16
17	9	9	8	7	6	6	6	6	7	7	8	9	9	8	6	6	6	6	6	6	6	6	6	5	7
18	5	6	5	6	6	5	5	5	6	6	6	5	6	7	7	6	6	7	8	8	8	8	7	8	6
19	6	7	7	7	7	8	9	9	10	8	8	8	9	9	10	10	9	9	9	9	9	9	9	10	9
20	10	10	8	8	8	7	7	9	9	***	10	10	10	10	10	***	***	20	17	17	14	14	13	13	11
21	13	13	12	12	11	11	12	12	12	12	9	8	8	9	8	7	7	7	6	6	6	8	8	8	9
22	8	8	7	6	6	6	6	7	9	9	10	9	9	9	9	10	11	12	12	12	12	11	12	9	
23	12	10	9	9	9	9	9	10	***	***	***	11	11	11	11	9	9	9	9	23	20	21	25	21	13
24	17	19	16	14	15	15	15	13	11	10	10	10	11	10	9	9	8	8	13	11	12	20	24	23	14
25	18	20	15	12	11	13	10	12	12	10	9	6	6	6	7	7	8	10	8	8	9	10	13	13	11
26	13	11	8	8	8	8	10	11	13	10	9	6	7	8	8	11	13	13	11	7	7	7	10	10	9
27	10	8	8	8	7	7	9	11	11	8	8	7	7	10	10	10	12	11	12	13	17	16	15	12	10
28	10	12	14	12	10	9	9	12	12	12	13	12	13	13	13	14	15	13	15	14	17	19	21	19	13
29	12	11	11	11	11	11	13	15	14	15	14	13	15	15	13	16	16	15	16	20	22	23	17	19	15
30	17	17	14	15	14	14	12	17	19	17	16	18	17	18	17	20	24	21	18	17	15	18	15	18	17
31	14	14	15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	12	12	11	10	10	10	11	12	12	11	11	12	12	12	11	12	13	13	12	12	12	13	13	13	12

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON WENTWORTH HAM

OAMST

NO 29025

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	16	17	17	14	13	12	12	12	9	15	11	9	9	8	12	***
2	8	8	7	7	7	7	14	18	13	16	13	12	16	14	17	21	28	18	15	17	13	13	10	6	13
3	6	8	9	9	9	10	11	13	8	9	11	13	10	7	7	9	9	7	7	7	8	8	8	10	9
4	10	9	8	8	8	7	8	8	7	7	7	6	4	4	5	6	7	6	6	11	7	5	5	4	7
5	3	3	4	3	2	3	5	5	5	7	9	8	5	5	6	8	10	6	8	8	8	8	8	9	6
6	8	9	5	5	5	5	7	9	12	10	10	10	9	10	10	9	12	11	11	12	13	13	13	13	10
7	11	10	10	9	9	10	10	10	10	10	10	12	11	11	12	13	8	6	6	5	5	6	8	11	9
8	10	12	11	11	11	11	12	12	12	***	13	13	13	13	13	13	13	13	13	11	11	11	11	11	12
9	11	12	13	10	8	9	10	11	10	10	10	10	10	9	8	11	13	12	14	13	16	17	16	18	12
10	18	17	18	17	17	17	18	19	21	19	19	19	19	19	19	19	19	19	19	20	20	20	23	23	19
11	24	24	29	23	23	23	24	28	19	18	17	15	13	14	18	18	16	16	17	17	18	18	19	20	20
12	19	19	21	21	21	21	20	18	15	12	13	13	9	9	7	8	10	8	9	9	9	9	11	12	13
13	11	11	11	12	10	10	12	15	14	12	11	11	11	11	13	13	13	13	13	13	11	11	12	14	12
14	14	14	14	20	19	19	21	14	13	12	14	14	15	14	14	17	18	18	19	21	19	19	25	31	17
15	27	17	22	22	20	18	20	22	22	22	***	9	12	12	14	14	16	17	17	15	13	11	13	13	17
16	12	13	11	11	11	12	15	14	12	13	11	10	10	11	13	13	14	16	15	16	16	18	19	19	14
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19	18	19	14	15	14	17	14	14	14	14	14	11	11	12	15	16	14	17	17	21	13	14	16	21	15
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22	11	11	11	11	11	12	14	13	13	14	14	14	14	16	14	14	16	13	12	12	12	12	12	11	13
23	12	12	13	12	12	13	14	14	14	14	14	14	15	13	14	13	13	11	11	13	17	18	16	15	14
24	13	15	14	11	13	12	15	16	13	13	18	12	12	13	13	16	15	15	16	17	21	22	20	22	15
25	21	17	15	11	11	11	13	15	16	12	13	15	14	15	12	12	15	17	17	19	15	16	15	16	15
26	15	12	13	13	13	12	13	14	12	13	***	13	13	16	14	12	15	14	12	10	8	8	8	11	12
27	8	7	7	7	6	7	7	6	6	6	6	6	6	7	7	8	8	9	9	11	11	10	10	10	8
28	10	10	10	8	8	8	11	9	10	10	8	7	9	8	10	8	8	8	8	10	12	10	12	10	9
29	13	11	10	12	10	12	14	21	18	15	14	12	13	12	10	11	11	11	13	13	11	12	11	15	13
30	13	11	10	12	10	12	14	21	18	15	14	12	13	12	10	11	11	11	13	13	11	12	11	15	13
MEAN	14	13	13	12	13	13	14	15	15	15	15	14	13	12	12	13	14	13	13	14	14	13	14	15	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - BARTON/WENTWORTH HAM. OAMST												MONTH MAY 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	15	14	13	12	14	22	19	19	19	16	17	18	19	23	18	24	22	20	20	21	26	33	19	
2	17	10	6	6	4	9	9	10	10	8	7	9	9	9	10	10	7	8	7	6	7	8	7	8	
3	5	5	5	5	6	8	8	8	7	7	7	6	7	6	9	7	6	6	3	7	6	6	4	6	
4	5	5	5	5	5	8	10	11	11	11	14	14	14	15	15	16	14	13	13	13	12	12	12	10	
5	9	9	9	10	10	11	10	10	10	10	10	10	10	10	10	11	11	11	11	12	14	14	14	12	
6	12	12	12	12	12	12	13	13	13	13	13	11	11	11	11	13	14	11	12	12	12	12	12	13	
7	15	16	17	19	28	25	21	22	20	14	12	12	13	12	12	10	7	7	7	7	9	11	9	14	
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17	7	7	7	7	7	11	13	9	8	7	7	8	8	8	8	8	8	9	8	8	8	10	9	8	
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19	14	12	11	11	12	12	17	16	16	17	16	13	11	16	12	13	13	12	12	14	19	21	22	21	
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21	11	12	14	12	11	11	12	12	12	10	9	9	8	10	10	9	9	9	10	11	10	12	12	11	
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23	11	10	10	10	11	15	18	15	14	15	15	15	15	15	16	18	16	18	17	19	19	19	14	18	
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26	21	13	15	12	13	13	15	13	13	18	17	18	15	14	16	14	11	14	8	10	10	10	10	14	
27	13	11	10	10	16	15	12	9	10	11	12	10	11	11	9	7	9	11	10	7	11	11	13	16	
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29	12	12	13	11	13	19	24	18	12	15	15	15	14	14	14	14	13	14	13	13	15	17	20	16	
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31	22	20	11	11	11	14	14	13	13	13	13	14	14	12	12	14	12	12	12	12	11	11	11	11	
MEAN	13	12	11	11	11	13	15	14	13	13	14	13	13	13	13	13	12	13	12	13	14	14	14	13	
PERCENTAGE OF DATA VALID - 95																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - BARTON/WENTWORTH HAM OAMST												MONTH JUN 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	9	8	8	10	15	15	13	13	12	12	11	14	14	12	13	13	14	14	16	18	15	17	17	13
2	15	17	18	24	13	13	13	13	14	14	14	14	14	14	14	14	16	16	17	21	24	23	20	16	
3	18	18	18	17	15	16	16	15	14	14	15	15	16	16	13	16	18	16	17	17	15	16	19	20	16
4	27	38	39	35	10	11	13	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
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6	12	11	11	10	9	11	13	16	15	17	16	14	14	13	13	13	12	13	13	12	12	11	13	12	15
7	15	15	14	14	14	14	16	17	17	17	24	18	19	20	19	18	18	16	13	13	12	14	15	16	16
8	16	16	14	14	14	15	16	18	18	18	18	18	19	19	19	19	19	19	19	18	17	17	17	14	17
9	13	11	11	11	11	13	14	14	14	15	17	14	13	14	14	13	14	16	16	18	18	18	18	17	14
10	21	20	19	18	17	25	22	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
11	17	13	15	17	20	22	22	21	20	21	21	22	17	17	17	16	16	16	16	19	19	20	20	19	19
12	17	13	15	17	20	22	22	21	20	21	21	22	17	17	17	16	16	16	16	19	19	20	20	19	19
13	14	14	16	13	13	16	19	19	20	16	17	18	14	14	16	16	17	18	18	19	20	20	22	20	17
14	17	15	15	16	16	21	19	20	20	19	19	18	14	16	15	15	17	19	20	21	29	27	25	26	19
15	21	19	18	18	19	24	28	26	25	29	30	27	23	20	22	22	23	20	22	23	23	24	26	26	23
16	24	28	27	24	23	26	32	37	36	23	24	22	21	26	30	21	26	25	24	23	23	23	23	24	26
17	19	19	19	19	19	19	20	21	20	21	24	23	17	17	20	20	19	19	20	23	24	25	25	27	21
18	22	19	22	21	22	23	23	23	23	24	25	25	18	18	18	18	19	14	17	18	18	20	18	20	20
19	18	15	19	20	18	18	20	23	23	22	22	23	17	17	20	20	19	19	20	23	22	21	23	27	20
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21	17	17	18	19	22	31	27	28	27	27	25	25	19	21	21	21	21	20	23	25	24	25	28	26	23
22	21	20	20	21	21	25	26	26	29	28	26	27	18	21	22	23	22	24	25	29	30	29	31	25	25
23	29	25	30	21	21	24	24	29	26	21	23	23	22	23	23	26	29	24	26	26	28	27	30	34	26
24	23	24	24	24	23	24	26	25	25	25	26	26	22	22	25	24	26	29	27	27	29	33	41	37	27
25	33	30	31	31	31	36	37	39	32	32	20	20	19	19	18	21	20	20	20	21	22	29	36	44	28
26	58	51	38	33	32	27	27	33	29	30	30	22	22	23	22	25	24	22	21	18	16	19	26	24	28
27	20	20	22	17	16	19	23	24	22	23	25	28	40	19	16	16	16	16	17	20	19	18	21	14	20
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29	14	12	14	22	13	18	19	17	15	16	19	20	17	15	15	15	18	17	16	20	20	18	17	17	17
30	20	23	23	22	22	24	22	18	16	16	16	16	17	19	19	18	15	17	17	16	16	17	15	18	18
MEAN	20	20	20	20	18	21	22	21	21	21	21	20	18	18	19	19	19	19	19	20	20	21	22	22	20
PERCENTAGE OF DATA VALID - 92																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS								UNITS - PARTS PER TEN MILLION																
		STATION - BARTON/WENTWORTH HAM OAMST								NO 29025								MONTH JUL 73								
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	17	17	16	16	17	17	17	16	16	15	15	15	16	16	16	16	16	18	17	19	17	17	17	17	17
2	2	19	22	19	20	39	44	84	86	46	26	26	24	20	19	17	17	16	19	20	21	20	20	20	18	28
3	3	16	17	17	16	18	23	26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
4	4	- DATA MISSING -																								
5	5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11	13	16	16	17	17	16	17	16	16	16	16	17	17	17	17	16
6	6	16	16	16	15	17	18	21	20	18	17	16	15	15	15	17	19	20	18	19	20	18	16	16	15	17
7	7	15	14	14	14	15	17	17	16	16	16	16	15	15	15	16	15	15	16	16	17	17	17	15	15	16
8	8	15	15	15	15	15	16	15	16	16	15	15	15	15	15	15	16	16	17	17	18	18	18	18	18	16
9	9	16	16	16	17	16	16	16	0.000	15	15	15	14	14	16	16	16	16	19	19	18	20	22	17	16	17
10	10	19	29	40	18	17	19	21	23	23	21	20	17	14	14	14	14	14	15	17	18	13	13	16	16	19
11	11	17	18	16	15	14	14	15	16	15	15	15	14	16	20	16	16	14	16	15	15	20	23	20	16	16
12	12	17	16	16	17	17	18	19	17	18	17	17	17	16	17	17	17	16	17	16	15	15	16	15	17	17
13	13	16	16	15	15	15	16	17	17	17	17	18	18	17	18	18	18	23	19	17	17	17	16	17	16	17
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16	16	19	19	19	19	20	21	26	27	24	19	16	15	15	15	15	17	15	15	16	17	23	27	24	30	20
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18	18	61	51	46	37	40	35	40	32	28	27	24	20	20	20	19	19	21	21	21	25	31	39	32	30	22
19	19	24	26	22	19	18	20	22	21	0.000	20	19	21	18	21	25	25	23	23	21	22	22	21	20	22	25
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21	21	21	24	22	20	20	20	24	24	24	20	18	17	19	21	21	20	19	21	23	27	26	31	29	24	22
22	22	25	22	22	24	28	30	24	24	23	22	22	22	21	21	21	21	22	22	23	23	29	31	31	29	24
23	23	26	28	30	27	26	27	30	28	0.000	17	17	17	17	17	17	18	18	16	17	17	30	28	24	19	22
24	24	22	24	23	21	22	21	21	21	22	21	21	21	20	20	19	23	22	19	17	17	35	21	18	20	21
25	25	18	19	29	27	37	25	37	28	34	29	25	24	24	19	23	22	19	17	21	19	19	21	16	16	24
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30	30	22	27	20	31	20	22	26	33	16	19	17	18	18	21	23	21	18	18	19	23	24	19	23	25	22
31	31	28	67	47	25	17	23	21	22	22	23	20	21	23	20	20	20	19	21	21	21	17	15	18	17	24
MEAN		21	23	22	20	21	22	24	24	20	19	18	18	18	18	18	19	18	18	18	19	20	21	21	20	20

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS								UNITS - PARTS PER TEN MILLION																
		STATION - BARTON/WENTWORTH HAM OAMST								NO 29025								MONTH AUG 73								
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	20	15	18	18	16	17	16	15	16	16	19	18	17	17	18	20	19	18	17	17	19	23	21	18	18
2	2	18	20	19	21	25	27	26	18	16	17	17	17	17	17	18	22	16	17	16	17	16	16	15	14	18
3	3	13	13	13	13	13	16	16	0.000	15	14	13	14	14	13	16	17	17	19	20	20	20	20	19	19	16
4	4	18	17	17	17	17	17	17	17	18	18	18	18	18	18	18	21	22	22	22	23	23	22	20	21	19
5	5	20	19	19	19	19	19	19	19	20	21	21	21	21	23	22	23	23	23	23	24	26	24	23	23	21
6	6	21	21	21	21	21	21	21	20	20	21	22	22	22	24	26	26	26	28	28	28	28	28	26	25	24
7	7	26	24	24	24	22	22	23	0.000	32	24	20	24	20	24	22	22	20	17	17	18	18	18	18	16	21
8	8	15	14	14	14	14	15	16	17	16	16	16	16	16	16	17	19	19	19	19	21	22	21	20	18	17
9	9	18	17	17	17	16	16	17	16	15	16	17	19	19	19	24	23	19	19	19	21	22	21	20	18	18
10	10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19	19	33	23	21	19	17	17	15	15	16	17	21	19	19	19	19
11	11	18	18	16	16	16	16	18	17	16	16	16	16	15	16	15	14	14	15	15	17	17	17	17	16	16
12	12	16	16	16	17	17	17	17	17	16	16	17	17	17	17	16	16	16	14	15	16	19	19	17	19	17
13	13	17	17	15	16	16	17	20	22	18	15	15	17	17	17	16	19	17	16	17	16	16	16	16	16	17
14	14	17	19	23	26	21	26	33	30	32	29	20	20	20	19	19	22	17	17	17	21	24	19	16	15	22
15	15	16	15	13	13	15	21	18	19	17	17	17	18	19	17	18	19	18	16	17	18	21	22	22	21	18
16	16	17	20	19	19	20	24	29	28	26	23	20	17	16	17	17	16	18	19	24	22	37	34	27	22	22
17	17	34	28	28	28	26	34	40	32	28	0.000	22	23	25	25	65	82	50	40	34	32	27	32	30	35	35
18	18	27	29	31	29	21	19	21	22	20	21	17	16	17	17	18	18	18	18	18	19	20	20	19	21	21
19	19	18	21	20	20	20	20	18	18	18	16	16	15	15	15	15	15	16	18	18	18	17	20	22	19	18
20	20	19	19	19	18	24	28	31	27	24	18	22	19	19	18	17	16	18	18	18	19	18	16	17	17	20
21	21	15	15	15	15	15	18	18	17	17	15	16	15	15	17	17	15	14	14	14	14	15	15	14	14	16
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23	23	25	20	18	17	19	24	29	28	25	22	24	25	24	22	20	24	22	22	21	20	22	24	23	23	23
24	24	23	23	21	23	28	38	40	35	27	22	22	20	21	22	47	52	36	32	29	31	36	37	41	37	
25	25	38	40	36	31	26	29	32	32	34	31	28	23	23	21	20	21	19	18	18	20	21	21	22	22	22
26	26	23	33	29	21	30	24	23	23	22	22	21	20	20	20	43	36	31	29	26	27	28	25	25	25	25
27	27	20	20	19	16	18	20	21	20	0.000	29	25	21	19	19	19	18	18	19	19	19	21	20	22	24	22
28	28	23	22	22	22	22	22	24	23	0.000	19	17	16	16	16	16	16	16	16	16	16	16	16	14	15	18
29	29	21	26	20	20	19	21	23	19	18	17	16	16	16	16	16	17	16	16	16	16	16	16	14	15	18
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31	31	12	13	13	14	15	21	18	17	15	13	14	17	16	14	14	15	15	13	16	16	14	13	14	12	15
MEAN		20	20	20	19	20	22	23	22	20	19	19	19	19	19	20	22	21	20	20	21	21	21	21	20	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION															
STATION - BARTON WENTWORTH HAM. OAMST NO 29025										MONTH SEP 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	14	14	13	13	16	18	21	18	16	17	15	13	13	13	15	15	17	17	17	18	17	17	17	16
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3	12	11	11	13	12	12	12	13	14	14	12	11	12	12	12	14	12	16	20	22	17	14	13	12	13
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18	21	23	23	23	21	26	27	26	25	22	22	20	18	17	17	19	17	17	17	20	21	21	21	20	21
19	16	14	14	17	16	19	21	18	16	16	16	16	16	17	17	17	17	18	18	18	16	20	25	17	17
20	25	20	17	17	20	24	29	30	28	22	23	19	19	20	19	22	18	18	18	20	19	20	21	23	21
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22	24	28	25	19	22	18	18	20	20	20	20	25	22	19	18	18	18	18	18	18	18	19	23	26	21
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25	17	17	17	17	19	21	20	20	20	22	22	21	24	22	22	22	21	21	23	23	22	22	22	20	21
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30	44	56	50	47	40	45	48	53	32	29	23	20	17	17	16	15	17	16	16	15	14	14	14	14	29
MEAN	18	18	18	18	19	22	23	23	23	21	20	19	18	18	18	19	18	19	20	21	21	21	21	22	20
PERCENTAGE OF DATA VALID -										93															

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION																	
	STATION - BARTON WENTWORTH HAM								OAMST		NO 29025			MONTH OCT 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	46	37	31	31	32	40	51	53	22	19	19	16	15	19	25	21	18	16	18	26	26	28	18	27				
2	17	17	14	14	15	24	24	23	23	21	23	22	22	23	25	23	23	22	22	21	25	24	18	21				
3	15	14	13	14	14	17	25	32	22	20	19	20	20	18	21	21	20	20	20	24	22	21	22	20				
4	25	21	18	17	17	27	33	27	28	31	30	29	27	26	32	34	35	32	34	25	27	28	35	45				
5	27	19	16	15	15	15	15	17	19	18	17	17	18	16	15	17	18	19	22	22	21	20	18	18				
6	20	20	20	19	20	20	23	24	25	29	24	23	22	22	21	23	23	23	25	31	37	34	28	29				
7	38	25	23	26	26	24	27	25	24	21	20	20	19	17	17	17	17	17	19	22	22	21	18	17				
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10	44	56	50	47	40	45	48	53	32	29	23	20	17	17	16	15	17	16	16	15	14	14	14	29				
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20	24	23	23	26	26	28	32	35	31	27	26	24	23	22	20	19	21	27	24	21	21	23	25	25				
21	18	19	28	26	28	31	31	39	50	41	32	29	32	27	21	21	23	24	25	18	17	17	16	16				
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24	15	14	13	13	14	14	14	13	13	13	13	13	11	10	10	11	10	10	10	10	11	11	12	12				
25	12	13	13	13	12	12	12	13	14	14	18	18	14	15	18	19	21	21	19	20	21	22	22	23				
26	18	18	18	19	20	17	26	28	26	25	25	24	17	17	23	23	24	20	20	20	20	20	20	21				
27	24	21	20	20	19	22	25	27	23	22	21	20	19	19	20	21	21	21	21	21	22	22	22	22				
28	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24				
29	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24				
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31	18	18	18	19	20	17	26	28	26	25	25	24	17	17	23	23	24	20	20	20	20	20	20	21				
MEAN	24	21	20	20	19	22	25	27	23	22	21	20	19	19	20	21	21	21	21	21	22	22	22	22				
PERCENTAGE OF DATA VALID -	89																											

UNITS - PARTS PER TEN MILLION

MONTH NOV 73

NO 29025

MONTH NOV 73

PERCENTAGE OF DATA VALID - 74

UNITS - PARTS PER TEN MILLION

NO 29025

MONTH DEC 73

NO 29025

MONTH DEC 73

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - BARTON-WENTWORTH HAM OAMST NO 29025

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	15	24	56
FEB	28	15	31	57
MAR	31	12	17	30
APR	29	14	24	49
MAY	31	13	19	41
JUN	30	20	28	58
JUL	30	20	30	86
AUG	31	20	35	82
SEP	30	20	27	60
OCT	30	22	31	62
NOV	27	20	28	57
DEC	30	22	28	66
YEAR	357	18	35	86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	86	523	73	5	0	0	0	0	687
FEB	137	428	52	30	0	0	0	0	647
MAR	327	332	36	0	0	0	0	0	695
APR	195	408	68	11	0	0	0	0	682
MAY	192	460	56	3	0	0	0	0	711
JUN	8	347	276	32	0	0	0	0	663
JUL	0	426	229	33	4	0	0	0	692
AUG	0	408	262	41	2	0	0	0	713
SEP	2	342	314	17	0	0	0	0	675
OCT	5	318	272	68	1	0	0	0	664
NOV	24	262	227	25	0	0	0	0	538
DEC	0	253	375	27	1	0	0	0	656
YEAR	976	4507	2240	292	8	0	0	0	8023

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	2	9.4	13.4	16.3	19.3	24.9	28.4	34.8	39.8	86	17.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

HOUR DAY	STATION - 67 COLLEGE ST TORONTO OAMST								MONTH JAN 73																MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	23	22	22	21	21	21	21	21	21	20	20	20	19	19	20	20	21	21	21	21	20	20	20	21	21
2	20	20	20	20	20	20	20	21	22	23	23	22	23	22	22	22	23	23	23	23	23	23	23	23	22
3	23	22	22	22	21	21	22	25	27	29	29	27	27	25	23	23	23	23	22	21	21	20	19	19	23
4	19	20	20	22	21	21	21	21	21	25	25	20	18	17	17	18	18	18	18	18	17	17	17	16	19
5	16	16	16	16	16	16	16	16	17	18	18	18	18	18	18	18	19	20	19	18	18	17	17	16	17
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9	23	19	20	18	18	18	18	19	20	20	21	18	18	19	19	18	19	19	17	17	17	16	16	16	18
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13	22	21	21	20	20	20	19	18	18	18	18	18	19	19	18	18	18	17	17	17	17	17	17	18	19
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16	18	18	18	18	18	18	18	19	19	19	19	19	19	20	21	21	20	21	20	20	20	19	18	19	19
17	19	19	19	18	18	18	18	19	21	22	21	21	21	23	25	29	31	30	30	30	28	25	25	26	23
18	25	24	24	24	24	24	24	26	28	31	28	25	24	24	26	27	25	26	25	24	25	26	30	28	26
19	25	28	28	27	28	29	40	43	27	26	26	25	24	25	26	25	24	23	22	21	21	21	21	20	26
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23	18	18	17	16	16	17	17	18	19	19	19	19	19	20	20	22	21	21	18	17	16	16	16	16	18
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25	17	18	18	18	18	18	18	19	20	20	23	22	22	19	19	19	22	23	23	23	23	23	22	23	20
26	25	26	25	25	27	23	23	54	37	33	26	26	28	28	31	36	35	26	23	22	24	27	27	27	29
27	25	25	25	24	24	21	19	18	17	17	17	16	15	16	16	18	18	16	15	15	15	15	15	17	18
28	17	15	14	13	13	13	13	13	13	12	12	13	13	14	14	15	16	15	15	14	14	14	14	14	14
29	14	13	13	12	12	12	13	17	16	15	16	17	16	16	15	16	18	18	17	17	16	16	15	16	15
30	17	16	15	14	14	14	14	17	17	17	15	15	15	15	15	17	19	18	17	16	15	14	13	13	16
31	12	12	12	12	12	11	11	13	14	14	14	15	12	12	12	12	12	12	11	11	11	11	11	11	12
MEAN	18	18	18	17	17	17	17	21	19	20	19	19	19	19	19	20	21	20	19	19	19	18	18	18	19

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

HOUR DAY	STATION - 67 COLLEGE ST TORONTO OAMST								MONTH FEB 73																MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	12	12	11	11	11	11	12	19	22	21	20	18	16	17	16	16	17	17	17	16	16	14	14	13	15
2	12	12	12	12	12	11	11	17	19	22	22	19	22	31	43	48	44	42	40	35	30	26	20	21	24
3	19	15	14	13	12	13	13	12	12	12	12	12	12	12	13	14	14	14	14	14	14	14	14	14	13
4	13	13	13	13	12	12	12	13	13	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13
5	13	13	12	12	12	12	12	13	15	16	16	16	16	15	14	15	15	14	14	14	14	13	13	12	14
6	12	12	12	11	11	11	11	12	12	12	20	19	18	18	18	18	19	20	20	19	19	18	18	16	16
7	19	19	19	19	19	20	19	21	22	24	24	23	22	21	21	22	23	21	20	21	20	20	19	21	21
8	18	18	17	16	16	16	16	16	17	18	18	18	18	18	17	18	19	19	18	18	18	18	18	18	18
9	18	17	17	17	16	16	16	17	19	19	20	20	21	21	22	23	22	21	20	20	20	19	19	19	19
10	19	19	19	18	18	18	18	18	18	18	17	18	17	18	18	18	18	18	18	18	17	17	18	18	18
11	18	18	18	18	17	16	16	16	16	17	17	17	16	16	16	16	16	16	16	17	17	17	17	17	17
12	17	17	16	16	16	16	16	18	22	19	19	21	20	20	22	22	21	21	21	23	24	23	22	21	20
13	22	22	21	20	20	20	20	21	21	24	26	29	27	26	24	25	25	24	22	21	21	24	28	32	24
14	27	30	29	28	25	23	22	21	20	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23	15	14	15	15	12	12	13	14	16	17	16	16	19	16	16	16	14	14	13	14	15	14	13	15	DATA MISSING
24	15	15	14	14	14	14	15	15	15	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
25																									
26	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
27	13	12	12	12	12	12	12	15	12	16	19	19	21	21	16	17	18	18	17	16	15	15	15	15	DATA MISSING
28	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	17	16	16	16	15	15	15	16	17	18	19	19	19	19	19	20	20	19	18	18	18	17	17	17	17

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	16	16	16	16	17	18	18	17	17	18	18	18	18	19	19	19	19	21	22	25	29	29	19
2	27	30	25	21	29	28	26	18	20	17	17	17	17	17	17	16	14	14	14	14	15	15	15	14	19
3	14	14	14	14	14	14	12	12	13	13	14	14	16	18	18	18	18	17	17	17	17	17	17	17	15
4	17	17	17	17	17	17	18	19	20	20	26	20	19	20	18	18	17	16	16	15	15	15	15	15	18
5	15	15	15	15	15	15	16	16	15	15	15	15	15	15	15	15	15	15	15	16	16	16	17	16	15
6	18	18	21	17	18	18	17	18	17	16	15	16	16	16	16	15	16	16	17	20	19	23	22	17	18
7	18	20	29	22	18	18	21	22	19	18	18	19	19	18	18	17	16	16	16	15	15	15	15	15	18
8	15	17	20	16	15	16	18	18	18	18	17	17	17	16	16	18	17	16	14	14	13	14	14	15	16
9	35	21	18	22	16	16	18	21	20	22	22	21	18	16	17	17	16	16	18	16	20	16	16	15	19
10	17	19	15	15	16	20	23	23	23	21	19	18	18	18	17	16	16	15	15	17	19	19	16	18	18
11	18	17	15	15	17	20	17	18	16	16	17	16	16	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
12														DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	
13														DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	
14														DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	
15														DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	
16	16	14	14	13	14	14	16	17	16	15	15	14	14	14	14	14	13	14	14	14	13	13	13	13	14
17	14	15	14	13	13	14	15	14	14	14	13	13	15	15	15	15	15	16	16	16	15	14	14	14	14
18	14	13	13	13	13	13	15	15	15	14	15	15	14	15	15	16	15	15	15	15	15	16	17	17	15
19	18	21	22	17	17	17	16	16	15	15	17	17	15	15	15	15	15	15	18	20	20	21	23	22	18
20	22	25	24	24	22	19	18	18	16	16	17	15	14	15	15	15	14	15	15	15	15	15	15	15	17
21	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	17	16	15
22	15	16	15	15	16	16	16	18	18	16	17	19	17	17	16	17	17	17	18	18	23	25	26	23	18
23	31	22	22	21	22	24	22	25	22	23	23	21	18	21	21	22	21	18	18	18	18	19	21	18	21
24	17	18	17	16	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
25	16	18	15	15	15	15	16	17	17	17	17	17	17	18	17	17	17	16	16	16	15	16	15	15	16
26	15	14	14	14	14	14	14	15	16	15	15	15	15	15	15	15	15	14	14	14	14	15	14	15	15
27	15	15	16	15	16	16	16	16	16	16	16	15	15	15	15	14	14	14	14	15	15	15	16	16	15
28	14	14	14	14	14	14	14	15	17	18	18	19	21	19	25	23	27	25	28	20	27	39	16	19	22
29	16	13	13	13	16	18	18	17	18	17	19	15	15	14	14	14	14	13	13	13	13	13	14	13	15
30	13	13	13	13	13	13	15	18	22	17	17	18	21	21	18	21	18	14	17	21	19	25	24	19	18
31	21	21	24	16	20	22	26	20	17	15	14	15	15	16	16	17	16	16	15	15	16	16	18	19	18
MEAN	18	17	17	16	17	17	17	18	17	17	17	17	17	17	17	17	16	16	16	17	17	17	18	17	17

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	15	15	18	19	20	17	21	18	17	15	15	14	14	14	15	15	15	15	16	15	15	15	16
2	16	15	15	15	14	14	14	14	14	14	14	14	14	14	15	16	17	16	18	18	19	18	17	15	
3	19	20	19	18	17	18	17	14	14	14	14	14	14	14	14	14	14	15	16	17	18	16	19	21	16
4	21	19	21	18	19	18	22	26	21	21	14	11	11	15	14	14	12	12	13	19	21	23	17	25	18
5	29	21	15	10	13	13	14	15	17	24	21	21	22	15	16	16	15	15	15	16	15	13	14	15	17
6	14	13	14	14	15	14	15	16	17	16	16	15	14	15	16	16	16	16	16	16	15	17	22	20	16
7	17	17	18	18	17	19	18	18	18	18	18	17	18	18	18	17	17	17	18	17	17	16	16	16	17
8	16	15	14	14	15	15	17	19	18	19	17	15	14	13	14	13	12	13	12	13	13	12	13	12	15
9	12	14	13	14	14	14	14	14	11	11	11	11	10	10	11	11	10	10	11	11	11	12	13	12	12
10	12	12	12	13	15	14	14	13	13	13	12	11	12	12	12	12	12	12	13	13	13	13	14	16	13
11	16	17	23	24	18	18	21	27	25	18	17	14	16	15	14	13	12	13	15	15	17	21	19	20	18
12	17	16	14	15	14	15	16	17	16	22	17	12	14	17	16	16	17	18	19	17	16	17	17	17	16
13	16	16	16	16	16	18	19	18	18	17	17	17	16	16	16	17	16	16	16	16	18	18	18	17	17
14	18	18	17	17	16	17	17	18	17	17	17	17	17	17	18	19	18	17	17	18	19	20	23	26	18
15	24	20	19	27	30	27	33	27	22	19	19	19	19	20	20	19	19	19	19	21	20	19	20	20	22
16	21	20	21	21	21	24	27	25	25	29	31	36	31	27	23	23	22	21	19	19	19	20	20	20	24
17	20	18	18	19	19	18	18	18	19	19	20	21	22	21	20	20	20	20	20	21	21	21	21	21	20
18	21	21	21	19	19	21	22	24	26	35	32	29	29	30	32	32	27	29	28	28	28	28	29	28	27
19	27	27	25	25	25	26	27	30	29	30	31	31	31	36	36	38	34	34	36	33	31	30	31	32	31
20	38	34	37	41	31	31	31	28	32	37	38	33	35	32	33	35	21	27	22	26	21	19	15	16	30
21	16	16	26	32	40	46	30	35	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
22																									
23																									
24																									
25																									
26	15	15	13	16	17	16	16	17	19	18	19	22	23	22	21	18	12	12	12	11	10	11	16	15	16
27	13	15	14	12	11	13	13	16	15	12	18	16	12	11	12	12	13	12	14	15	14	12	13	14	13
28	13	12	12	12	11	11	11	12	12	11	11	14	16	18	17	16	17	17	18	16	13	12	13	12	14
29	13	12	16	12	13	13	14	16	15	13	13	13	12	13	12	14	13	13	15	13	14	13	15	13	13
30	16	16	20	21	23	25	24	19	17	15	14	13	13	13	13	13	13	12	13	13	13	13	13	13	16
MEAN	18	17	18	18	19	19	19	20	19	19	19	18	18	18	18	18	17	17	17	17	17	18	18	18	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

	STATION - 67 COLLEGE ST TORONTO OAMST								NO 31001								MONTH SEP 73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	40	39	38	38	38	38	38	38	35	33	34	33	33	37	35	31	33	32	33	33	33	35	36	35	35	
2	39	39	38	37	36	36	37	37	35	32	29	28	27	26	26	25	26	26	28	30	33	37	39	38	33	
3	32	27	25	24	23	24	27	26	25	25	23	19	19	19	19	18	18	17	17	20	21	23	19	18	22	
4	18	19	21	23	22	27	31	25	25	29	36	32	30	30	29	30	27	29	30	34	34	32	31	32	28	
5	33	40	40	39	38	38	51	45	40	34	29	26	26	24	22	18	19	19	18	19	18	15	16	16	28	
6	***	***	***	***	***	***	***	***	***	***	25	23	20	21	22	23	24	24	25	25	26	26	26	25	***	
7	28	29	29	29	30	28	30	31	28	27	27	27	24	23	23	24	24	23	24	28	31	32	28	27	27	
8	25	26	24	24	25	26	26	26	27	26	26	26	26	26	27	26	24	26	27	27	27	27	27	27	26	
9	27	27	28	27	27	27	28	29	29	28	28	27	27	26	25	26	27	28	27	27	27	27	28	28	27	
10	28	28	28	28	28	29	33	35	39	31	29	28	28	28	29	29	29	29	28	29	29	28	28	29	29	
11	29	28	27	26	27	28	30	30	27	26	26	26	26	26	25	24	24	23	24	24	25	24	24	23	26	
12	24	24	24	24	25	27	29	35	32	29	27	28	27	29	28	28	28	27	27	28	28	28	29	30	28	
13	32	35	33	36	36	38	41	41	46	37	33	31	31	31	30	31	29	29	28	28	29	28	28	28	33	
14	29	35	28	27	27	27	27	28	28	27	27	27	26	27	25	24	25	24	25	28	29	32	33	30	28	
15	30	27	27	26	26	26	26	28	30	27	25	24	25	26	23	25	24	25	24	23	24	24	23	23	25	
16	23	23	23	24	24	24	23	23	23	24	24	24	24	24	25	26	25	24	25	24	25	26	27	25	24	
17	26	27	27	28	28	29	32	34	29	25	23	23	24	24	24	24	24	22	22	22	21	22	24	23	25	
18	22	23	23	22	22	22	22	23	23	24	24	23	24	24	24	25	25	26	27	29	29	30	35	35	25	
19	34	35	39	41	37	38	33	31	28	26	25	24	25	24	24	24	24	23	25	25	25	26	26	26	29	
20	26	26	26	26	24	24	22	22	22	22	22	23	23	23	23	24	24	24	25	25	25	26	27	26	24	
21	28	27	27	28	30	29	32	32	33	25	26	26	26	25	25	25	24	24	25	26	25	25	23	21	27	
22	21	22	22	22	22	21	21	25	26	21	21	25	25	21	19	18	17	18	22	25	25	23	21	21	22	
23	24	27	28	26	24	23	21	19	21	22	22	22	22	18	17	19	19	20	21	20	21	22	21	21	22	
24	23	21	20	20	21	22	24	26	26	24	23	23	24	26	26	25	24	23	23	23	23	23	22	22	23	
25	22	23	24	23	22	23	25	24	24	24	24	24	24	25	16	16	16	16	16	16	20	25	22	23	22	
26	26	22	22	24	20	21	23	36	27	26	26	25	26	26	30	31	27	23	20	22	23	27	29	28	25	
27	20	20	21	21	23	24	26	28	27	27	26	23	24	24	22	22	21	20	20	19	18	18	17	22	22	
28	17	19	19	19	21	21	22	23	26	26	24	26	22	15	16	17	18	18	17	18	18	19	23	21	20	
29	17	19	18	11	11	11	14	18	15	13	12	12	13	13	12	11	10	10	11	11	11	12	11	13	13	
30	10	8	7	8	9	9	8	9	9	8	8	8	7	6	6	6	6	7	8	8	9	11	10	10	8	
MEAN	26	26	26	26	26	26	28	29	28	26	25	24	24	24	23	23	23	23	23	24	24	25	25	25	25	

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

	STATION - 67 COLLEGE ST TORONTO OAMST								NO 31001								MONTH OCT 73								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	10	10	9	9	10	12	9	8	8	8	8	9	10	21	22	22	22	25	26	25	23	22	14
2	24	24	23	22	22	23	24	27	27	27	26	28	29	31	27	28	24	22	24	25	23	26	30	33	26
3	40	30	28	27	25	25	28	32	27	24	25	27	22	22	18	21	18	17	18	15	17	18	26	22	24
4	20	16	11	11	10	19	22	23	19	22	22	21	21	18	15	16	16	15	13	11	13	14	18	20	17
5	20	16	11	11	10	19	22	23	19	22	22	21	21	18	15	16	16	15	13	11	13	14	18	20	17
6	30	28	26	24	22	23	24	34	31	28	24	22	22	22	22	23	21	21	25	23	22	22	23	24	20
7	24	27	25	25	25	24	21	20	18	18	18	17	17	17	17	17	17	18	19	19	20	21	23	20	
8	20	19	20	23	23	23	22	23	24	22	19	19	19	19	20	21	21	21	21	22	22	23	23	21	21
9	24	23	23	24	25	27	28	32	28	24	27	24	27	26	24	23	27	32	34	31	30	35	37	38	28
10	38	38	35	35	34	33	32	38	37	39	30	29	25	25	23	18	17	17	18	17	16	17	17	16	27
11	16	15	15	15	16	16	19	22	19	17	17	17	16	17	17	20	19	19	18	19	19	18	19	18	18
12	23	24	25	27	24	22	24	23	22	20	34	22	24	25	24	23	23	25	31	28	17	17	18	19	24
13	20	18	17	15	15	15	16	16	16	16	16	15	14	14	14	14	14	14	14	13	13	13	12	15	
14	13	13	13	13	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	15	15	15	15	14	
15	15	15	15	15	16	17	21	22	22	21	20	14	13	13	13	14	14	14	14	15	16	18	17	16	15
16	15	16	15	14	14	15	16	17	15	15	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15
17	15	15	14	14	15	17	20	21	19	16	15	15	14	14	15	15	15	15	15	15	16	16	16	16	16
18	16	16	17	16	14	14	16	17	17	15	14	14	13	14	14	14	15	14	14	15	16	16	16	16	15
19	18	15	17	16	16	16	22	37	35	19	15	14	15	14	15	23	22	16	15	18	19	17	19	18	19
20	18	18	16	16	15	15	15	15	15	14	13	14	14	14	14	14	14	14	14	14	14	15	15	15	15
21	15	15	15	18	17	16	20	17	15	16	17	15	14	14	14	14	15	16	16	15	14	15	18	37	17
22	49	43	39	38	44	44	54	61	36	28	19	18	17	18	21	22	22	28	24	21	21	30	36	41	32
23	50	52	31	26	32	49	45	37	32	29	24	19	20	21	21	21	18	18	19	19	26	33	40	48	30
24	37	85	63	58	47	37	61	95	51	32	33	30	27	21	22	31	36	26	26	27	24	23	22	26	39
25	27	27	28	41	40	46	57	41	40	42	33	32	25	26	28	27	31	26	28	30	38	25	18	18	32
26	23	18	18	19	19	21	26	35	26	21	19	18	17	17	17	17	17	17	17	18	18	17	18	20	20
27	18	18	18	18	18	18	18	18	18	18	19	19	19	20	21	21	21	21	21	22	24	22	21	19	20
28	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
29	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	16	15	16
30	15	15	15	15	16	15	15	16	18	21	20	20	22	22	22	22	23	24	23	24	24	25	23	20	20
31	24	20	17	19	22	19	16	16	17	16	16	17	18	18	18	18	19	19	17	17	16	16	15	15	18
MEAN	23	23	21	22	21	22	25	27	23	21	20	19	18	18	18	19	19	19	20	20	20	20	21	22	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19	29	54
FEB	20	17	24	48
MAR	28	16	22	54
APR	30	17	31	44
MAY	28	17	21	39
JUN	27	18	31	46
JUL	31	17	22	37
AUG	31	20	31	40
SEP	30	25	35	51
OCT	31	21	39	95
NOV	30	20	31	71
DEC	28	24	34	56
YEAR	345	19	39	95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	27	436	266	12	0	0	0	0	741
FEB	4	291	91	8	0	0	0	0	394
MAR	49	515	73	3	0	0	0	0	640
APR	97	458	137	27	0	0	0	0	719
MAY	0	541	98	3	0	0	0	0	642
JUN	6	449	124	40	0	0	0	0	619
JUL	25	575	139	4	0	0	0	0	743
AUG	68	368	243	64	0	0	0	0	743
SEP	25	77	508	101	0	0	0	0	711
OCT	15	408	239	70	4	1	0	0	737
NOV	0	388	290	24	2	0	0	0	704
DEC	0	175	371	103	0	0	0	0	649
YEAR	316	4681	2579	459	6	1	0	0	8042

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	4	12.3	15.1	17.2	20.8	27.3	30.7	35.4	39.3	95	19.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	10	10	10	10	10	11	11	10	10	11	11	11	11	11	12	12	12	12	12	12	13	13	11
2	12	12	12	12	12	12	12	14	15	15	13	9	7	7	7	9	9	10	10	10	11	11	10	13	11
3												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
4												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
5												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
6												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
7												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
8												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
9	11	10	10	8	8	8	9	11	11	9	7	15	12	11	11	16	15	18	16	14	17	11	11	11	12
10	5	5	5	5	5	5	5	7	9	8	8	8	6	6	5	6	5	7	7	8	7	6	6	6	8
11	6	6	5	5	5	5	5	6	8	7	6	7	5	7	9	10	13	13	12	12	12	13	13	15	9
12	12	12	10	9	9	9	9	12	13	12	11	11	11	11	11	14	16	14	11	12	12	12	12	24	12
13	13	13	12	12	11	10	10	12	10	10	10	11	11	11	11	11	10	9	9	9	9	9	9	12	11
14	10	9	8	8	8	8	8	9	9	9	9	9	9	10	11	12	12	11	11	11	12	11	11	22	10
15	17	16	16	17	17	17	17	20	23	20	18	19	18	16	15	15	19	18	15	15	14	15	15	15	17
16	14	15	16	17	16	15	16	17	17	16	16	16	16	16	15	16	17	18	17	16	15	15	15	14	16
17	13	13	13	13	13	13	14	15	16	17	16	16	16	17	20	26	27	26	24	25	21	17	20	20	18
18	18	16	15	15	16	18	18	21	25	24	19	18	18	19	20	26	20	20	17	17	19	23	26	25	20
19	19	24	23	21	24	23	20	17	22	21	20	18	17	16	19	18	18	17	16	15	15	15	15	16	19
20	14	12	12	12	12	12	12	14	12	13	13	14	13	12	13	13	13	13	13	13	13	13	13	13	13
21												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
22												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
23	11	11	11	11	11	11	11	13	14	13	15	15	13	13	12	13	13	13	13	13	15	15	13	14	13
24	13	12	12	12	11	11	11	13	14	13	15	15	14	13	13	16	18	18	18	19	19	21	19	22	18
25	13	12	12	12	11	11	11	13	14	13	15	15	14	13	13	16	18	18	18	19	19	21	19	22	18
26	23	24	22	24	23	18	18	30	34	30	24	24	24	24	24	32	22	18	20	20	24	24	23	24	24
27												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
28												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
29												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
30												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
31												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	13	13	12	12	12	12	12	14	16	15	14	12	12	12	13	14	16	15	14	15	13	13	14	16	14

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	10	10	15	10	10	12	15	20	23	19	18	22	30	43	56	44	37	35	30	26	20	17	17	23
2	13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
3												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
4												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
5												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
6												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
7												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
8												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
9												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
10	18	16	16	15	15	15	16	17	18	16	16	16	15	14	14	17	15	16	16	17	17	16	16	18	16
11	18	16	15	15	14	14	16	16	16	16	14	14	14	14	14	14	15	15	16	18	17	18	21	18	16
12	17	15	15	15	16	16	16	18	21	21	20	9	10	9	8	14	12	10	10	14	15	14	12	10	14
13	12	11	12	9	11	10	10	11	13	17	15	19	19	17	15	18	19	15	14	14	15	21	25	33	16
14	26	28	30	28	19	18	19	15	14	12	10	10	9	10	10	11	10	10	10	12	11	11	13	10	15
15	8	8	8	7	7	7	7	8	10	10	10	10	12	11	8	11	13	12	9	9	9	8	8	8	9
16	8	8	8	8	8	9	10	10	12	11	14	11	12	10	11	11	17	15	11	10	10	10	10	12	11
17	10	10	9	9	10	10	12	12	12	12	12	12	11	11	10	12	11	10	12	13	12	11	11	10	11
18	11	11	12	12	12	12	12	12	12	11	11	10	10	10	11	12	11	10	10	10	10	10	10	12	11
19	10	10	10	9	9	9	10	11	13	14	13	12	13	14	15	17	17	15	12	11	11	11	11	15	12
20	12	11	9	10	10	11	11	14	16	15	16	15	16	16	17	22	15	17	14	13	15	14	13	12	14
21	12	14	15	13	12	13	14	17	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
22												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
23	17	18	16	16	16	17	19	19	20	20	19	19	22	19	18	18	19	19	19	18	19	22	21	22	18
24	17	17	17	16	16	17	16	18	18	18	18	15	15	15	15	14	14	17	17	17	17	18	18	18	17
25	19	17	17	16	16	17	16	17	20	21	20	20	17	17	18	19	19	21	21	21	21	21	21	21	18
26												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
27												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
28												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	14	14	14	13	12	13	13	14	15	16	15	14	14	15	15	17	17	16	15	15	15	15	15	15	15

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081												MONTH MAR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	19	20	21	23	22	23	26	28	27	29	24	25	26	26	25	25	26	25	26	26	27	29	24
2	26	30	34	36	44	28	30	32	42	27	27	22	23	22	25	25	23	21	21	20	20	20	19	18	26
3	17	17	17	17	17	17	17	20	17	18	17	19	19	19	20	27	21	24	22	21	23	25	28	34	21
4	35	37	31	30	30	31	32	34	32	23	20	19	19	19	20	22	18	17	17	18	18	18	18	19	24
5	18	18	17	16	16	16	16	16	17	17	19	20	18	18	18	20	21	19	18	18	18	****	****	****	18
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15	26	25	24	24	24	24	25	26	28	26	24	25	25	26	27	25	25	24	24	24	24	25	26	26	****
16													- DATA MISSING -												
17													- DATA MISSING -												
18	17	17	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	18	18	19	18	****	
19	20	21	20	20	20	19	19	20	22	20	20	20	20	22	22	22	23	22	22	21	21	21	20	20	21
20	19	19	19	19	19	19	20	23	22	21	20	20	20	21	21	20	24	20	21	20	30	23	22	22	21
21	21	21	22	21	21	23	21	22	24	24	22	20	20	20	21	21	25	25	18	18	19	22	21	23	21
22	23	21	21	22	20	20	19	33	28	37	61	33	21	19	23	21	21	20	16	16	16	19	18	20	24
23	19	18	18	18	22	28	40	39	41	26	22	16	16	16	16	15	17	17	19	19	20	19	18	18	23
24													- DATA MISSING -												
25	17	16	17	16	16	17	18	18	18	18	18	20	23	22	22	25	24	24	23	23	21	21	21	19	20
26	19	19	19	18	18	18	18	19	19	19	19	20	40	30	22	23	26	24	24	19	20	24	29	34	29
27	25	22	21	22	26	24	22	24	31	30	23	25	23	25	29	30	27	26	27	23	25	23	19	18	25
28	18	18	18	19	19	22	21	20	22	23	23	22	23	23	28	37	31	32	26	26	24	25	23	37	24
29	39	34	34	34	25	18	17	17	18	18	20	21	20	19	22	24	23	20	20	20	20	19	18	20	23
30	22	22	22	22	22	21	22	24	25	23	24	23	21	21	22	23	23	22	21	21	22	22	22	23	22
MEAN	22	22	22	22	22	21	22	24	25	23	24	23	21	21	22	23	23	22	21	21	22	22	22	23	22

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

	STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081											MONTH APR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	17	16	17	17	17	17	17	17	17	17	16	16	16	16	16	16	17	16	16	16	19	17	17
2	16	16	16	17	17	17	17	19	22	27	23	24	22	25	28	31	26	27	20	19	18	18	18	21	21
3	19	19	19	18	18	18	17	19	24	23	24	23	25	25	25	30	25	24	23	21	20	20	21	23	22
4	23	23	23	26	26	24	18	19	20	21	19	19	20	24	22	29	27	27	20	19	19	18	18	22	22
5	18	17	16	16	16	16	16	17	18	18	19	18	18	18	19	18	19	20	19	21	23	24	22	24	19
6	24	21	19	19	19	19	19	20	24	21	20	23	21	22	21	19	20	18	19	20	21	25	23	26	21
7	21	19	19	18	18	18	19	19	18	19	20	20	21	19	20	22	20	20	21	21	22	22	22	20	20
8	18	18	17	16	16	16	16	16	19	17	17	17	17	18	18	18	18	18	19	21	20	20	22	23	18
9	19	18	18	18	18	18	18	18	18	19	19	20	19	18	16	16	16	16	15	15	14	14	14	17	17
10	14	17	15	15	17	16	20	21	19	18	17	17	18	17	18	19	19	18	17	18	16	16	16	16	17
11	16	16	17	16	16	17	17	17	17	16	16	16	15	15	15	15	15	15	15	15	16	16	17	17	16
12	16	17	15	15	15	16	17	17	16	15	14	13	14	14	14	15	15	15	15	16	16	17	***	***	15
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	21	21	21	20	20	21	23	22	21	21	20	19	19	19	18	19	19	22	20	19	19	19	20	20	***
15	20	20	21	21	21	19	15	11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	30	34	29	23	22	23	24	26	28	29	32	29	29	35	****
18	***	***	***	***	***	***	***	***	***	***	30	34	29	23	22	23	24	26	28	29	32	29	29	35	****
19	39	35	33	35	34	30	24	24	27	24	23	23	25	23	24	27	28	27	24	23	23	22	21	21	27
20	20	19	19	19	18	18	18	17	17	17	17	17	17	18	19	19	19	19	19	20	21	22	22	23	19
21	21	20	20	24	31	36	40	39	34	30	27	25	25	25	27	28	27	23	21	22	23	22	21	21	26
22	23	26	25	23	22	22	21	21	21	21	21	21	21	21	21	21	25	25	24	21	23	22	21	21	22
23	21	20	20	20	21	21	21	22	23	24	24	24	23	22	23	21	22	26	27	27	26	27	28	27	23
24	23	20	19	18	19	19	19	19	18	19	21	20	20	20	19	19	19	19	17	18	19	20	22	21	19
25	20	19	18	17	17	17	17	19	18	19	21	21	22	22	22	21	22	22	20	19	21	24	23	24	20
26	22	20	20	20	20	19	18	19	18	19	21	23	24	24	24	24	25	25	25	25	25	25	25	25	23
27	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	27	31	25	21	21	20	18	18	24
28	17	17	16	16	16	16	16	17	17	17	17	17	17	17	17	18	18	18	18	19	19	19	19	18	17
29	18	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	19	21	22	24	24	19
30	25	28	25	25	25	24	23	21	20	21	23	29	26	25	32	34	28	31	25	21	20	19	19	18	24
MEAN	21	20	20	20	20	20	20	20	20	20	21	21	21	21	21	22	21	22	20	20	21	21	21	21	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	18	18	18	20	25	38	53	35	29	28	29	29	27	25	24	26	28	32	35	36	27
2	32	37	33	27	34	39	33	25	26	24	24	23	22	22	23	22	22	21	20	20	20	21	21	20	25
3	20	19	19	19	19	19	20	21	22	22	22	22	21	22	22	23	25	24	23	22	22	22	22	22	21
4	21	21	20	20	20	21	21	22	22	22	22	23	- DATA MISSING -												
5	- DATA MISSING -																								
6	- DATA MISSING -																								
7	- DATA MISSING -																								
8	25	28	30	29	27	26	28	30	32	36	33	33	32	33	36	36	33	30	31	30	28	27	27	26	***
9	37	35	33	33	28	26	28	33	32	35	38	39	39	37	84	51	36	30	30	29	31	29	27	27	35
10	27	29	26	26	27	32	35	36	36	39	41	42	37	38	36	33	33	30	28	28	30	31	31	30	33
11	30	29	26	26	29	32	31	30	28	26	27	27	27	29	29	29	28	26	25	25	26	27	27	28	28
12	29	28	27	27	27	27	27	27	27	27	26	27	26	25	25	25	25	25	26	26	26	26	26	27	26
13	26	26	26	26	26	26	27	27	27	26	26	26	27	26	27	27	27	27	27	28	28	28	29	28	27
14	28	28	28	28	28	29	32	32	33	32	31	31	31	31	23	22	21	19	19	18	17	18	21	22	26
15	26	30	38	30	26	20	19	22	24	22	20	26	24	23	21	20	19	18	19	18	18	18	21	22	23
16	22	20	20	19	20	20	23	23	22	21	23	22	20	20	21	20	21	20	18	18	17	17	17	18	17
17	18	19	19	19	19	20	21	19	18	18	18	17	18	20	21	20	19	21	21	20	20	18	18	18	19
18	20	20	20	19	20	21	22	23	22	20	20	19	18	18	18	20	20	19	19	18	19	21	22	22	20
19	25	28	29	25	23	22	23	21	21	20	21	22	21	20	20	20	20	22	25	26	28	31	31	31	24
20	30	33	33	34	32	28	27	25	24	24	25	25	24	24	24	24	24	23	22	23	23	23	23	23	26
21	23	23	22	22	22	23	24	24	23	22	22	21	21	21	21	21	20	21	21	22	22	22	24	23	22
22	23	23	23	23	23	25	25	26	28	25	24	25	25	25	25	25	25	25	25	30	37	40	33	26	
23	40	35	33	31	31	35	35	33	35	35	34	33	31	33	40	42	35	30	28	28	27	26	30	28	33
24	27	26	26	25	25	27	36	31	28	28	29	30	30	28	26	26	29	27	25	24	24	24	24	24	27
25	23	25	23	23	22	22	23	25	28	35	36	34	39	30	29	28	28	28	27	27	28	28	28	27	28
26	- DATA MISSING -																								
27	- DATA MISSING -																								
28	- DATA MISSING -																								
29	- DATA MISSING -																								
30	- DATA MISSING -																								
31	- DATA MISSING -																								
MEAN	26	26	26	25	25	25	26	26	27	27	28	27	27	26	29	27	26	25	24	24	25	25	26	26	26

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
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12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16	24	23	23	24	24	27	32	30	29	32	36	40	42	39	30	25	22	22	22	22	23	22	22	22	27
17	22	21	20	20	21	21	20	21	21	21	21	21	20	20	20	20	20	19	20	20	21	21	22	22	21
18	20	20	20	20	20	21	23	25	24	30	32	31	32	31	32	32	29	28	27						26
19																	22	22	22	22	23	22	22	21	
20	22	23	28	32	29	28	28	27	27	29	32	32	31	29	29	30	32	33	33	33	32	31	30	28	30
21	25	26	28	33	35	46	45	44	46	45	42	39	35	34	37	37	33	33	29	28	30	36	39	39	36
22	41	52	61	69	69	83	90	66	51	46	49	66	57	49	40	34	33	35	33	29	29	28	26	24	48
23	28	32	28	30	31	25	22	22	25	27	28	27	27	27	29	29	32	34	32	29	27	27	28	29	28
24	40	37	28	25	24	23	23	23	23	22	21	21	21	20	20	20	20	19	21	22	22	22	24	24	24
25	24	24	24	24	24	24	27	30	34	33	32	34	38	36	26	26	22	20	19	18	18	18	18	18	25
26	18	18	17	17	17	17	18	21	20	20	20	21	21	22	22	22	22	24	24	25	27	22	20	21	21
27	20	20	20	18	16	17	18	21	21	21	26	26	24	23	23	24	26	23	23	22	21	20	20	18	21
28	18	16	16	16	15	15	24	28	23	21	19	20	20	19	19	19	20	18	19	19					19
29												-	DATA MISSING	-											
30												-	DATA MISSING	-											
MEAN	25	26	26	27	27	29	31	30	29	29	30	32	31	30	28	27	26	25	25	24	25	24	25	24	27

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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MEAN																									

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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MEAN																									

PERCENTAGE OF DATA VALID - 85

UNITS - PARTS PER TEN MILLION

MONTH NOV 73

MONTH NOV 73

13 14 15

PERCENTAGE OF DATA VALID - 87

UNITS - PARTS PER TEN MILLION

MONTH DEC 73

MONTH DEC 73

13 14 15

13 14 15

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	14	24	35
FEB	21	15	23	56
MAR	20	22	26	61
APR	28	21	27	40
MAY	23	26	35	84
JUN	14	27	48	90
JUL	29	21	32	50
AUG	28	23	38	55
SEP	26	24	40	64
OCT	31	23	51	117
NOV	29	22	33	63
DEC	28	19	29	87
YEAR	298	21	51	117

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	114	262	53	3	0	0	0	0	432
FEB	84	304	39	6	0	0	0	0	433
MAR	0	150	245	30	1	0	0	0	426
APR	0	314	298	18	0	0	0	0	630
MAY	0	56	371	95	1	0	0	0	523
JUN	0	33	190	70	7	0	0	0	300
JUL	0	356	294	37	0	0	0	0	687
AUG	44	231	206	158	0	0	0	0	639
SEP	0	158	323	99	1	0	0	0	581
OCT	0	337	277	85	12	3	0	0	714
NOV	0	191	401	36	1	0	0	0	629
DEC	1	417	218	9	2	0	0	0	647
YEAR	243	2809	2915	646	25	3	0	0	6641

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION							MAX	ARITH MEAN
		10	30	50	70	90	PERCENT 95	98	99	
75	5	13.4	17.1	19.6	23.0	30.1	34.8	41.1	47.4	117

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	15	16	16	17	16	16	16	16	14	15	17	17	16	14	15	16	16	16	17	16	16
2	18	19	20	20	19	16	17	21	21	18	21	19	20	20	20	22	24	25	24	24	25	27	26	26	21
3	24	24	23	23	24	26	30	41	34	31	29	26	23	22	22	22	22	22	22	22	22	22	22	22	22
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MEAN																									

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	26	25	23	22	20	19	20	23	26	25	27	25	26	24	24	21	21	21	20	20	20	19	19	23
2	18	17	17	16	16	14	13	12	12	14	17	16	13	16	18	19	21	26	34	40	41	33	27	15	20
3	10	11	13	11	10	9	8	8	8	9	10	10	12	14	13	12	14	13	12	14	15	15	14	12	
4	13	12	12	10																					
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MEAN																									

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR

73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	20	17	17	18	17	16	14	16	16	15	15	18	17	16	18	18	18	18	19	22	26	27	24	19
2	24	27	29	33	24	22	26	32	30	23	24	21	21	21	21	22	20	20	19	20	19	19	18	23	
3	17	17	17	16	17	17	16	17	17	18	17	17	16	18	18	18	17	18	16	16	16	17	17	17	
4	23	27	31	35	32	26	27	26	24	18	18	18	18	18	17	18	17	16	16	17	17	18	19	18	21
5	17	16	16	18	16	17	18	17	18	22	19	20	24	24	22	22	21	21	19	19	18	19	19	18	19
6	18	18	18	17	17	17	18	19	24	24	22	20	19	18	18	18	20	22	21	24	22	19	20	22	20
7	20	18	17	17	18	17	18	19	19	18	19	19	19	19	20	24	23	22	20	19	17	17	19	19	19
8	17	18	23	23	20	20	22	24	25	22	19	17	17	17	18	18	26	26	24	24	24	27	31	39	23
9	30	29	32	26	23	23	26	28	23	20	19	18	18	16	17	18	19	18	19	20	18	18	18	19	21
10	18	18	16	17	17	17	16	16	18	20	18	19	18	18	17	18	20	18	17	16	16	16	16	16	17
11	15	15	14	14	16	16	16	16	16	16	16	17	18	20	16	15	14	14	14	14	14	14	18	20	16
12	14	12	13	14	12	12	10	12	14	15	12	12	12	13	13	14	17	20	17	17	16	16	17	17	14
13	16	15	16	15	14	14	15	19	20	20	17	17	16	17	18	18	18	19	19	20	19	20	20	25	18
14	24	20	22	20	19	19	19	19	22	24	24	24	21	20	20	21	21	19	20	20	18	17	17	20	20
15	16	16	16	16	16	16	17	19	22	23	23	22	22	19	18	16	20	20	21	22	21	22	23	22	20
16	24	20	21	22	22	22	25	31	30	27	26	24	26	26	24	23	28	28	23	23	21	20	20	24	24
17	19	18	16	16	15	16	17	17	19	18	16	18	19	26	22	19	16	16	17	18	17	16	15	16	18
18	18	18	18	18	17	18	18	18	18	20	20	19	19	21	21	21	21	21	20	19	19	18	18	19	19
19	17	17	17	17	17	17	19	22	22	21	20	20	20	21	20	20	21	21	20	19	20	20	23	20	20
20	22	22	19	19	18	18	20	23	22	22	21	19	18	18	18	17	22	24	24	22	21	22	22	21	21
21	22	28	22	22	22	20	22	23	21	20	19	19	18	18	20	22	25	25	26	25	20	19	18	18	21
22	17	16	16	16	15	14	14	17	21	20	16	16	21	20	21	22	24	23	22	20	21	25	30	24	20
23	24	24	25	22	17	17	19	24	22	20	19	22	22	22	22	22	24	26	27	29	31	31	32	31	24
24	31	30	30	30	26	27	28	28	28	22	19	19	19	19	21	22	24	24	26	30	34	35	36	32	27
25	29	26	20	18	20	22	22	21	18	18	19	19	20	20	19	19	18	20	20	17	17	18	19	18	20
26	16	16	15	13	13	14	18	22	20	16	15	15	15	15	15	16	18	19	20	21	20	20	18	17	17
27	19	19	19	18	18	19	24	26	24	22	22	22	19	17	17	19	19	16	15	16	19	26	24	19	20
28	22	19	19	20	19	19	18	18	18	16	14	13	13	16	14	14	14	14	16	14	15	18	19	21	17
29	30	26	19	19	20	21	18	18	19	16	15	15	13	13	12	14	16	15	17	17	16	16	14	16	17
30	14	14	13	12	12	13	15	18	22	20	18	18	16	16	16	20	22	21	20	22	21	22	23	22	18
31	26	22	22	18	15	15	16	17	18	18	19	18	20	20	18	19	20	18	18	18	16	14	14	14	18
MEAN	21	20	20	19	18	18	19	21	21	20	19	18	19	19	18	19	20	20	20	20	20	21	21	21	20

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR

73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	13	13	13	13	13	12	12	12	11	11	11	10	10	10	10	10	10	10	10	10	8	7	11
2	7	7	7	7	7	8	12	16	15	10	10	9	7	7	7	7	7	7	7	7	7	7	7	7	7
3	14	14	13	13	13	13	13	12	12	12	11	11	11	10	10	10	10	10	10	10	10	10	8	7	11
4	20	18	14	14	19	17	16	18	19	16	14	14	16	14	12	14	17	16	14	13	12	12	11	11	15
5	10	10	10	10	10	11	12	18	15	13	13	14	14	14	15	16	18	18	17	17	18	22	21	20	15
6	18	16	15	15	16	14	16	18	18	16	14	14	14	14	17	18	22	19	18	22	22	24	22	21	18
7	21	19	18	17	17	17	18	20	19	19	18	18	17	17	17	18	18	19	20	24	22	20	20	22	19
8	20	18	16	16	15	15	15	16	16	17	18	17	18	17	18	18	18	18	20	19	20	20	19	18	19
9	18	18	19	19	20	19	22	23	21	20	19	19	19	19	19	19	19	19	19	18	17	17	17	17	19
10	17	16	15	16	15	15	15	18	16	14	13	13	19	18	17	18	18	18	19	17	15	16	16	16	16
11	16	16	17	16	17	18	18	20	20	18	17	17	16	19	17	18	22	21	20	22	21	22	21	22	19
12	21	22	22	21	20	21	23	26	22	17	16	15	15	16	15	17	18	18	18	19	19	19	19	19	19
13	19	19	17	18	18	18	20	20	18	19	17	19	18	17	17	18	18	19	16	19	20	23	21	23	19
14	22	23	22	22	22	22	23	22	19	18	17	17	17	17	16	17	18	18	18	19	19	20	18	19	19
15	22	22	22	21	20	20	21	21	22	18	17	16	15	16	16	16	18	19	20	20	21	21	24	29	20
16	31	28	25	24	24	27	26	28	24	22	20	20	20	20	19	18	20	20	19	19	18	18	17	16	22
17	16	17	16	16	17	18	19	20	20	20	20	19	18	18	18	19	18	17	17	24	21	22	26	25	19
18	26	26	31	34	37	32	36	39	34	29	28	20	18	18	18	18	20	22	24	26	32	27	27	25	27
19	21	21	22	20	22	19	20	21	19	19	18	16	15	16	18	16	16	16	15	16	17	16	14	14	18
20	14	14	13	13	13	14	14	15	15	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13
21	13	13	14	15	14	15	17	18	21	19	18	19	18	18	18	18	18	18	16	14	13	13	12	13	16
22	14	17	19	20	19	18	17	16	14	13	14	14	15	15	14	12	12	12	13	13	15	15	14	15	15
23	14	14	14	16	14	15	15	16	15	14	14	15	15	15	15	16	18	14	19	20	19	18	16	16	16
24	15	15	14	14	14	16	18	20	20	18	17	17	18	17	18	17	18	21	20	24	22	23	19	18	18
25	16	15	15	19	16	16	21	19	18	17	16	15	17	19	19	18	18	20	20	25	25	25	26	25	19
26	24	20	19	19	19	20	22	24	22	20	19	18	18	18	18	19	19	19	19	19	20	21	22	21	20
27	20	20	18	19	19	19	21	21	20	21	20	20	19	19	19	19	19	21	22	20	19	18	17	17	19
28	16	16	16	15	15	15	16	18	17	17	18	17	18	18	18	18	18	18	19	21	20	18	17	17	17
29	18	18	19	18	18	18	19	19	21	22	19	19	19	19	19	19	19	20	20	20	21	22	24	23	20
30	25	25	24	22	19	19	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
MEAN	18	18	17	18	18	18	19	20	19	18	17	16	16	17	17	17	18	18	18	19	19	19	19	19	19

UNITS - PARTS PER TEN MILLION

MONTH MAY 73

PERCENTAGE OF DATA VALID - 78

UNITS - PARTS PER TEN MILLION

MONTH JUN 73

PERCENTAGE OF DATA VALID - 33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - PHARMACY AND 401 TORONTO													NO 33002												
													MONTH JUL 73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	***	***	***	***	***	***	***	***	***	***	***	***	13	13	14	16	17	15	15	14	16	17	18	17	***
12	17	18	18	17	16	18	22	24	20	18	16	16	16	17	17	18	20	18	16	16	16	17	17	18	18
13	19	18	21	20	18	16	16	17	16	16	17	22	18	15	14	16	16	12	13	13	16	14	14	16	16
14	14	13	14	13	14	14	16	16	15	16	15	15	16	16	15	14	15	15	15	15	16	16	16	19	15
15	20	21	20	17	17	15	13	12	14	14	14	14	14	14	15	15	14	15	15	16	16	16	16	14	15
16	13	13	12	12	13	16	20	20	16	14	14	14	14	16	15	15	16	16	18	19	21	28	28	24	17
17	22	21	20	18	19	23	27	22	16	15	17	14	14	14	15	15	14	15	15	17	21	25	31	25	19
18	22	25	21	20	22	25	28	23	15	12	12	12	12	12	13	14	15	14	15	16	15	16	17	20	17
19	20	18	20	22	20	21	32	23	19	20	16	13	12	12	12	14	12	13	18	14	16	12	10	11	17
20	11	12	12	14	15	20	20	19	15	14	14	16	***	16	13	14	16	14	14	12	12	11	10	12	14
21	10	9	9	9	10	10	12	10	10	9	8	8	8	8	8	8	9	9	10	11	14	14	14	15	10
22	14	13	12	11	10	10	11	11	10	11	9	9	9	9	9	9	9	9	9	12	16	24	20	14	12
23	12	11	12	11	12	15	18	14	11	10	20	13	11	11	11	11	11	10	11	12	16	18	19	19	13
24	16	14	14	12	14	18	18	12	11	10	10	10	***	11	11	11	11	10	10	11	12	14	16	15	13
25	15	12	11	11	12	14	18	16	12	10	9	10	9	10	10	10	10	8	10	10	12	14	15	12	
26	14	14	14	13	12	11	16	20	17	12	11	9	8	8	9	8	7	8	9	8	7	7	7	8	11
27	6	6	6	6	5	7	8	6	5	4	***	10	8	9	10	11	13	12	10	10	11	10	10	10	8
28	11	12	11	11	12	11	13	12	11	12	11	14	13	13	12	11	12	21	14	14	12	13	12	12	13
29	11	11	10	10	10	12	12	11	11	11	11	11	12	12	12	12	12	12	12	14	19	18	16	17	12
30	15	15	17	20	19	23	23	18	21	16	14	12	***	11	10	11	11	11	11	16	12	12	11	11	15
31	12	12	12	12	12	20	18	16	17	15	15	15	15	18	14	15	20	15	14	16	15	15	13	13	15
MEAN	15	14	14	14	14	16	18	16	14	13	13	13	12	13	12	13	13	13	13	14	15	16	16	15	14
PERCENTAGE OF DATA VALID -													65												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - PHARMACY AND 401 TORONTO													NO 33002												
MONTH AUG 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	13	12	12	12	15	19	16	13	12	12	11	11	10	10	11	12	11	11	12	14	16	15	14	13
2	13	12	14	13	13	17	24	20	15	14	16	12	12	14	13	12	12	12	14	14	18	15	16	14	15
3	14	13	12	12	14	16	20	19	15	13	13	***	14	12	12	12	12	12	13	15	13	12	14	16	14
4	15	13	13	14	14	13	15	14	15	14	11	12	17	12	13	13	13	14	15	16	18	18	24	24	15
5	23	24	23	24	19	21	18	13	12	11	12	12	12	12	11	11	11	12	11	12	13	13	14	16	15
6	16	14	13	17	13	12	12	10	11	10	12	13	12	12	12	12	12	13	14	14	14	15	17	19	13
7	19	20	20	20	21	19	19	36	17	18	13	14	14	14	16	20	16	16	17	17	15	15	18	19	18
8	19	18	16	15	16	16	18	17	16	16	15	15	14	14	15	16	16	16	16	16	16	19	17	20	16
9	18	19	18	16	16	18	18	16	15	14	16	16	16	16	17	18	23	20	22	24	20	18	18	19	18
10	13	12	12	12	11	12	13	15	13	11	11	10	10	10	10	10	13	14	16	16	14	14	17	21	13
11	21	18	14	13	12	12	12	11	10	10	10	9	9	9	9	10	10	11	15	11	11	11	14	12	12
12	15	14	13	12	11	12	11	11	11	11	11	12	12	12	10	9	9	10	11	14	14	***	***	***	12
13	DATA MISSING -																								
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	7	6	6	7	9	11	12	11	8	7
15	6	7	7	7	7	10	11	11	10	9	9	8	8	8	8	11	10	7	7	8	10	8	8	7	8
16	6	8	8	9	10	15	22	18	10	7	6	6	6	6	6	6	7	14	12	11	14	20	15	10	
17	12	12	12	12	12	13	20	19	12	7	7	***	5	4	4	4	4	6	7	10	9	10	8	6	9
18	7	6	4	5	5	7	12	8	7	7	6	6	6	6	6	7	7	8	10	10	9	11	11	12	8
19	11	10	9	7	6	8	8	9	11	10	9	9	8	8	8	8	8	8	9	10	12	12	15	18	10
20	15	16	14	15	16	16	20	16	12	10	10	9	8	7	7	12	10	10	12	10	9	8	9	8	12
21	8	10	10	7	8	10	14	13	13	13	12	12	14	13	12	11	8	8	7	7	8	7	6	6	10
22	6	6	7	7	10	13	14	12	12	12	12	12	11	10	11	12	10	9	10	11	9	8	9	8	10
23	8	9	8	9	11	20	32	23	22	14	14	11	10	11	11	12	12	10	12	12	13	12	11	10	13
24	9	10	10	9	8	13	13	12	8	8	***	8	7	6	5	5	5	4	3	4	4	4	3	0	7
25	6	6	6	4	3	5	6	4	2	1	0	0	0	0	0	1	2	2	3	4	4	7	8	7	3
26	6	8	7	5	4	4	4	3	3	3	3	4	4	3	3	4	5	7	11	11	12	12	13	10	6
27	14	14	14	8	9	13	10	12	9	9	9	10	7	6	5	9	10	10	12	10	8	10	12	15	10
28	18	8	3	4	6	11	13	11	9	9	***	8	6	6	6	10	9	6	6	7	8	6	5	5	8
29	6	8	7	9	6	8	11	9	6	5	4	5	4	3	5	8	6	3	3	4	4	6	4	4	6
30	4	3	4	3	5	7	8	8	8	5	4	4	4	4	6	8	11	10	11	13	20	18	16	14	8
31	11	10	7	5	6	10	10	8	10	8	7	6	10	6	6	6	7	8	10	13	11	8	7	8	8
MEAN	12	12	11	11	10	13	15	14	11	10	10	9	9	9	9	10	10	10	11	12	12	12	12	12	11
PERCENTAGE OF DATA VALID -													93												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	9	12	18	15	15	12	10	11	10	7	8	6	6	6	6	6	7	8	9	9	10	12	14	10	
2	15	11	8	9	10	10	7	8	6	6	6	6	6	6	6	6	6	6	5	7	11	14	19	15	9	
3	18	16	15	15	9	7	14	8	8	6	6	6	6	5	7	5	5	4	5	8	14	13	13	12	9	
4	12	11	11	9	9	13	24	20	27	18	8	7	6	6	4	4	5	6	8	10	12	16	14	15	11	
5	11	12	16	20	18	21	24	24	18	14	9	10	7	7	6	6	6	4	5	5	4	6	6	7	11	
6	7	7	6	6	6	4	5	5	4	6	6	7	9	9	9	11	11	11	11	11	10	11	11	11	8	
7	8	9	13	10	8	8	12	15	12	10	10	11	10	12	12	15	14	12	13	15	14	10	10	9	11	
8	8	8	7	8	8	9	10	13	12	10	12	12	12	11	11	11	11	10	10	10	9	9	8	10	10	
9	12	11	12	10	12	16	17	14	12	13	13	14	13	13	13	13	13	14	14	15	15	15	14	13	13	
10	15	14	15	15	16	20	30	39	26	16	15	14	14	13	12	14	14	10	12	14	11	10	9	10	16	
11	8	8	6	8	8	12	15	14	10	10	10	11	10	11	12	14	13	13	13	13	12	12	11	10	11	
12	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	12	12	11	11	11	10	7	8	12	10	9	*****	*****	*****	
13												- DATA MISSING -														
14												- DATA MISSING -														
15												- DATA MISSING -														
16												- DATA MISSING -														
17												- DATA MISSING -														
18	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	16	15	18	18	17	18	19	23	26	31	31
19	23	21	21	22	20	27	32	30	24	22	18	17	15	14	14	14	14	14	13	13	12	12	13	13	18	
20	14	15	17	14	13	15	18	17	16	15	15	15	17	17	17	19	18	17	18	18	20	21	21	21	17	
21	22	20	22	18	17	21	37	37	25	16	*****	18	14	13	13	13	13	13	15	19	16	12	12	11	18	
22	12	13	13	12	12	11	11	12	12	14	16	16	16	14	12	12	12	12	14	16	16	12	14	16	13	
23	16	17	18	16	14	14	15	17	12	13	12	12	13	16	13	13	13	14	16	16	17	17	15	12	15	
24	12	12	12	12	12	16	20	19	16	15	15	13	14	15	15	14	14	14	14	16	19	20	16	17	15	
25	15	14	17	16	14	14	17	16	15	14	14	14	16	16	17	16	16	16	17	16	18	21	22	21	16	
26	20	18	18	17	17	17	19	20	20	19	18	18	18	18	18	18	20	20	22	22	23	22	22	23	19	
27	20	18	18	16	20	21	21	20	20	18	17	19	19	17	17	18	20	22	20	18	18	16	16	16	19	
28	16	16	15	15	16	21	27	25	22	19	16	17	17	16	16	18	19	22	27	24	22	29	29	24	20	
29	22	18	16	17	17	16	18	18	18	15	15	15	14	15	15	14	15	16	20	19	16	18	17	18	17	
30	18	17	15	17	19	18	17	16	15	13	12	12	12	12	13	13	15	15	17	24	28	27	22	18	17	
MEAN	14	14	14	14	13	15	18	18	16	14	12	13	12	12	12	13	13	13	14	15	15	15	16	15	14	

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	16	16	18	21	27	22	16	14	15	14	14	14	14	14	14	15	14	17	18	16	16	15	16
2	15	14	15	13	14	13	15	15	14	14	14	14	15	15	16	16	15	16	16	15	18	19	18	17	15
3	18	19	16	15	16	17	19	20	16	17	14	14	16	16	16	20	16	15	17	18	18	21	19	20	17
4	16	14	13	13	15	20	23	26	28	22	24	16	14	14	15	16	17	16	15	13	14	14	14	15	17
5	17	14	11	11	12	14	17	17	20	16	16	16	16	17	19	23	22	21	24	21	20	19	17	16	17
6	18	16	18	17	19	24	26	22	21	18	16	16	15	15	16	16	16	26	19	20	20	21	26	22	19
7	22	20	18	18	17	17	16	16	16	16	15	15	15	15	15	16	15	15	16	18	18	19	17	17	
8	17	17	16	15	15	16	17	17	17	16	16	16	16	15	16	16	16	16	21	22	19	22	24	22	18
9	18	16	17	16	17	24	30	31	22	20	18	17	16	16	16	17	18	19	26	34	37	32	30	25	22
10	26	24	24	21	22	24	32	38	31	*****	18	14	15	15	15	15	16	18	18	18	17	16	17	17	20
11	15	14	14	15	17	23	25	24	20	17	16	16	16	16	16	18	19	19	26	21	22	20	24	23	19
12	22	19	18	18	20	22	30	28	25	21	19	18	20	18	18	20	19	22	25	28	25	26	30	24	22
13	18	18	18	17	16	16	17	16	16	16	16	15	16	15	14	14	15	13	13	12	12	13	13	15	
14	13	13	13	13	12	13	14	14	14	14	14	15	15	14	14	14	13	14	14	14	14	14	14	14	14
15	13	16	14	13	14	21	22	22	19	18	14	19	18	18	20	26	25	23	22	20	22	21	20	19	19
16	18	18	18	18	18	21	23	25	21	18	18	18	18	18	19	23	24	21	21	19	18	18	18	18	20
17	17	16	17	17	17	18	26	26	22	20	20	20	20	20	22	23	24	21	21	20	19	19	20	18	20
18	18	18	19	21	16	17	22	24	23	21	20	19	19	19	20	24	24	24	24	24	25	23	22	22	21
19	21	19	21	23	21	27	37	40	28	29	*****	15	15	16	17	18	22	20	17	21	14	13	14	16	21
20	16	19	16	14	18	17	17	18	17	16	16	16	19	16	16	16	16	17	16	16	16	16	17	16	17
21	17	17	17	17	16	19	21	21	18	16	15	16	16	16	16	16	18	20	22	29	28	40	31	24	20
22	24	29	33	28	26	34	46	58	40	42	37	25	21	20	17	19	25	27	32	27	35	51	41	28	32
23	28	31	30	32	31	36	50	58	50	45	40	33	24	23	23	23	28	28	24	26	38	38	42	41	34
24	40	35	34	34	35	40	64	76	66	48	42	29	24	24	24	25	26	23	24	26	24	25	24	35	35
25	24	25	24	25	25	32	37	39	36	27	20	19	18	18	19	20	22	25	37	37	33	24	18	19	26
26	20	18	16	17	17	20	28	29	24	22	22	21	19	20	23	26	24	21	21	19	20	20	20	17	21
27	17	17	16	16	16	18	19	20	20	20	21	21	20	21	21	22	24	24	24	22	20	21	22	21	20
28	19	19	18	17	18	18	18	18	18	19	19	19	19	20	20	20	20	20	20	18	19	19	19	19	19
29	18	18	18	18	18	18	19	21	21	20	20	20	20	20	20	22	22	22	20	18	19	19	18	18	19
30	16	16	16	16	16	16	18	22	22	20	19	18	18	20	24	24	28	26	23	23	23	23	23	21	20
31	17	17	18	18	19	18	21	23	21	19	20	20	21	21	21	22	24	24	21	20	19	18	18	17	20
MEAN	19	19	18	18	18	21	26	27	24	21	20	18	18	18	18	19	20	20	21	21	22	22	20	20	20

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	19	27	58
FEB	28	18	26	41
MAR	31	20	27	39
APR	30	18	27	39
MAY	27	18	24	27
JUN	11	12	16	23
JUL	21	14	19	32
AUG	30	11	18	36
SEP	25	14	20	39
OCT	31	20	35	76
NOV	28	21	32	68
DEC	28	19	24	44
YEAR	313	17	35	76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	303	216	9	0	0	0	0	528
FEB	17	390	220	9	0	0	0	0	636
MAR	1	431	293	18	0	0	0	0	743
APR	26	456	188	9	0	0	0	0	679
MAY	11	380	195	0	0	0	0	0	586
JUN	83	153	3	0	0	0	0	0	239
JUL	88	344	54	2	0	0	0	0	488
AUG	323	343	31	2	0	0	0	0	699
SEP	137	358	72	6	0	0	0	0	573
OCT	0	420	268	51	3	0	0	0	742
NOV	0	311	274	33	1	0	0	0	619
DEC	0	387	244	10	0	0	0	0	641
YEAR	686	4276	2058	149	4	0	0	0	7173

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS DISTRIBUTION										ARITH MEAN
	MIN	10	30	50	70	90	PERCENT 95	98	99	MAX	
81	0	10.2	14.6	17.0	19.1	23.0	25.5	30.4	35.7	76	17.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE KENNEDY SCARBOROUGH

NO 33003

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
3	20	20	20	19	19	20	21	24	24	22	20	19	17	18	18	17	17	17	17	17	17	17	17	17	19
4	17	17	16	16	17	17	17	17	17	17	17	17	17	17	15	16	16	16	16	16	16	15	15	15	16
5	15	15	16	16	15	16	16	17	17	16	16	16	16	16	19	19	20	20	20	19	19	19	17	17	17
6	17	17	17	18	18	19	20	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	20
7	20	20	20	19	19	20	20	20	20	20	20	19	18	17	16	16	17	17	17	18	19	19	19	18	19
8	19	19	19	19	20	20	20	22	23	20	19	19	18	18	17	18	20	22	22	23	25	28	30	18	21
9	18	18	18	18	17	20	21	23	23	22	21	19	19	18	18	19	18	18	18	18	17	18	18	18	20
10																									
11	22	24	21	19	19	19	20	21	23	20	19	18	18	18	17	19	20	21	21	21	23	22	22	23	23
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	24	23	22	22	22	22	22	22
21	21	21	21	21	21	21	21	21	21	21	19	19	17	17	16	16	16	17	17	18	18	18	18	18	19
22	17	17	17	17	17	18	18	18	18	17	17	17	17	17	17	17	17	16	16	16	23	22	21	21	18
23	20	19	19	18	19	20	22	24	23	22	22	22	22	22	22	21	21	20	18	18	18	18	18	18	20
24	17	17	17	17	17	18	20	22	21	20	21	19	20	18	18	18	20	20	19	20	21	23	22	22	19
25	22	23	23	25	24	24	26	26	26	24	24	23	45	42	42	42	42	42	42	42	42	42	42	42	42
26	31	35	39	39	37	36	48	57	71	40	26	23	21	21	21	21	21	22	21	22	23	24	25	27	31
27	25	29	26	25	25	24	24	24	24	23	22	21	21	21	22	23	22	22	22	22	22	22	22	22	23
28	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	25	24	25	24	24	24	24	24	23
29	23	23	24	26	27	27	29	34	31	28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27
30	32	32	32	32	32	27	28	32	33	31	29	29	29	29	29	29	30	30	29	29	29	29	29	29	30
31																									
MEAN	21	22	22	21	21	22	23	25	25	23	22	21	22	21	20	20	21	21	20	20	20	21	21	20	21

PERCENTAGE OF DATA VALID - 61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE KENNEDY SCARBOROUGH

NO 33003

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	20	20	20	22	22	24	22	22	23	23	22	20	21	21	22	21	21	21	21	20	21
2	21	21	21	21	21	21	21	21	21	21	21	20	21	21	23	24	39	61	56	53	36	28	23	26	28
3	23	21	21	21	21	21	21	22	22	22	24	27	24	24	23	23	25	24	22	22	22	21	21	22	22
4	21	20	21	20	20	20	21	21	20	21	22	22	21	22	22	21	21	21	21	21	20	20	20	20	21
5	19	19	19	19	19	20	20	21	22	21	20	19	20	18	18	18	19	19	20	20	20	21	21	21	20
6	21	21	21	21	21	21	21	21	22	21	21	20	20	20	19	19	19	19	19	19	19	19	19	20	20
7	20	20	20	20	19	19	21	24	25	23	22	20	20	20	23	24	27	26	25	24	25	25	23	22	22
8	21	21	30	21	21	21	22	28	25	24	23	22	22	22	22	21	23	24	23	23	23	23	23	23	23
9	22	22	21	21	21	22	25	33	30	24	23	20	19	18	18	23	24	25	24	24	23	24	25	23	23
10	24	23	23	23	22	22	22	24	24	23	22	22	22	22	23	23	23	24	24	23	22	22	22	22	23
11	22	22	22	22	22	22	22	22	22	22	22	21	20	19	19	19	19	19	20	21	22	21	20	20	21
12	20	20	20	20	20	20	21	21	22	21	20	19	18	18	18	18	19	18	23	28	31	32	29	27	22
13	33	29	29	28	27	29	30	43	41	29	20	20	20	22	27	27	27	26	28	32	36	44	45	48	31
14	40	33	35	42	39	31	24	25	24	22	20	21	18	17	20	21	19	17	17	18	18	19	19	18	24
15	18	18	18	18	18	18	18	20	20	18	18	19	20	20	21	21	24	22	20	20	19	19	19	19	19
16	19	19	18	18	18	18	19	22	21	21	21	21	20	20	21	21	24	25	25	23	24	23	22	23	21
17	22	22	22	22	23	22	22	24	24	23	23	23	23	23	23	23	22	24	26	29	27	24	23	23	23
18	24	24	24	24	24	24	24	25	23	23	23	22	22	21	21	21	21	21	22	22	22	23	22	23	23
19	22	23	22	21	21	21	23	25	26	26	24	24	23	23	24	26	30	28	26	25	24	24	24	24	24
20	23	23	23	23	23	24	26	37	34	32	31	28	31	28	29	23	24	26	24	25	24	24	23	22	26
21	22	27	23	25	23	21	21	24	23	23	23	20	18	18	18	19	24	25	23	20	21	22	21	22	22
22	21	20	20	19	19	19	21	26	26	22	21	21	20	20	20	21	21	24	23	26	27	28	28	26	23
23	25	26	24	24	23	23	25	33	31	26	24	21	22	22	22	22	22	22	22	22	22	22	22	22	22
24																									
25																									
26																									
27																									
28																									
MEAN	23	22	22	22	22	22	22	25	25	23	22	21	21	21	22	22	23	24	24	25	24	24	23	24	23

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	31	35	35	28	26	28	28	28	23	22	24	24	25	24	24	24	24	24	23	23	23	23	22	26
2	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	21	20	21	21
3	22	35	34	37	42	37	32	31	30	24	23	22	23	23	23	22	22	22	24	24	24	24	23	23	27
4	23	23	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	21	21	22	22	22	21
5	22	22	21	21	20	20	21	22	24	22	22	22	18	18	18	18	19	20	21	22	21	21	21	21	21
6	21	21	21	22	22	22	22	22	22	21	21	20	20	20	20	22	23	25	23	24	22	23	24	25	22
7	24	24	28	27	25	25	30	39	41	27	26	24	21	20	20	20	22	22	23	27	29	29	30	31	26
8	34	37	42	33	30	31	28	26	24	22	21	20	20	20	20	21	21	21	22	23	22	22	22	21	26
9	21	21	21	21	21	21	21	21	21	22	22	22	23	22	23	22	22	23	22	21	21	21	21	21	22
10	21	21	21	21	21	21	21	21	21	22	22	22	23	22	23	22	22	23	22	21	21	21	21	21	22
11	21	21	21	21	21	21	22	22	21	21	21	21	21	21	21	20	19	19	19	19	19	21	25	27	21
12	28	22	24	22	19	20	20	22	23	22	22	21	21	21	20	20	20	21	22	21	22	23	21	21	22
13	20	20	20	19	19	19	21	26	24	21	21	19	20	20	20	20	21	22	23	24	23	26	24	24	22
14	23	23	22	22	21	20	20	21	23	21	20	20	20	20	20	20	20	19	19	19	18	19	19	19	20
15	19	19	18	18	19	19	19	20	20	19	19	19	19	19	18	18	18	18	19	19	19	20	20	20	19
16	21	19	19	19	19	19	22	24	25	22	21	19	20	20	20	25	23	22	21	21	21	20	21	21	21
17	19	18	19	19	19	19	18	19	19	19	19	19	20	26	24	23	23	21	21	20	19	18	18	18	20
18	17	18	18	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18
19	17	17	17	17	17	17	17	18	20	18	19	19	20	21	20	20	21	20	20	20	20	21	21	21	21
20	20	19	20	19	19	19	20	23	23	21	20	20	20	31	31	25	25	24	23	22	23	23	23	21	22
21	21	21	21	21	20	19	20	21	20	20	19	19	19	19	19	23	20	20	20	20	20	20	20	20	20
22	31	27	23	22	21	21	21	26	30	25	23	23	23	22	25	23	22	23	26	27	26	26	26	27	25
23	27	27	25	27	27	24	25	31	26	26	23	22	22	24	25	25	25	25	28	31	31	32	38	45	28
24	38	34	30	26	24	24	23	23	23	21	20	18	18	18	18	18	17	18	21	19	18	20	19	22	22
25	20	19	19	19	19	19	19	20	19	19	19	18	19	19	19	19	19	20	20	22	22	24	24	23	20
26	23	22	23	22	22	23	24	23	22	20	19	19	19	19	19	19	14	13	13	14	17	24	24	19	20
27	18	18	18	17	16	16	16	15	13	12	12	12	11	12	12	11	12	12	12	11	11	13	14	21	14
28	27	17	13	14	12	12	12	14	13	12	12	12	11	11	11	12	12	13	15	16	15	14	15	15	14
29	14	14	14	15	14	15	15	21	22	19	18	18	17	15	13	19	19	20	21	22	21	20	22	18	18
30	28	26	31	24	17	17	16	17	17	17	16	16	17	18	18	18	19	17	17	17	16	16	16	16	19
MEAN	23	23	23	22	21	21	21	23	22	21	20	20	20	20	20	20	21	21	21	21	21	22	22	23	21

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	15	15	15	16	16	15	14	14	14	14	14	13	13	13	13	13	13	13	13	13	14	14
2																									
3																									
4																									
5	15	14	13	13	13	13	15	19	17	15	15	15	15	14	14	15	16	16	16	18	21	24	25	22	16
6	18	17	16	16	17	16	18	20	19	17	17	16	16	16	16	17	18	20	20	22	23	25	19	21	18
7	31	18	16	15	15	15	14	14	14	14	14	13	14	14	14	15	15	15	15	18	18	17	17	16	16
8	15	14	14	13	13	13	13	13	13	13	13	13	13	14	14	15	15	16	18	18	17	15	15	15	15
9	14	14	13	13	14	14	14	14	14	13	13	13	13	13	13	13	13	13	14	14	14	13	13	13	13
10	13	13	13	16	17	15	17	21	18	16	16	16	17	20	18	18	18	17	21	18	16	15	15	15	17
11	14	14	13	13	13	15	16	16	16	14	14	14	14	14	14	14	15	15	16	17	16	17	16	17	15
12	19	20	19	17	17	16	18	21	17	15	15	15	15	15	15	15	15	17	17	17	17	16	17	17	17
13	15	16																							
14	19	19	18	18	20	21	22	19	17	19	19	19	17	17	17	17	18	19	19	19	19	19	18	19	19
15	27	24	25	24	25	23	23	21	18	17	17	17	18	18	19	19	19	20	20	20	22	22	25	23	19
16	28	29	26	21	19	20	21	22	20	19	19	19	20	21	21	23	24	25	22	22	21	21	19	22	21
17	17	17	16	16	15	15	17	19	19	18	18	16	16	17	17	17	22	22	23	28	26	25	31	35	20
18	37	34	38	43	36	30	29	30	37	24	21	17	17	19	19	20	22	27	27	27	27	27	27	27	27
19	21	21	19	19	19	18	18	18	17	16	15	15	15	15	16	16	15	16	16	17	18	16	15	15	17
20	15	14	14	14	14	13	13	13	13	13	13	13	12	13	13	13	14	14	15	15	15	14	15	14	14
21	14	14	15	15	14	15	15	16	17	16	16	16	16	16	17	19	20	19	21	19	18	18	18	18	17
22	18	21	19	21	21	20	18	18	17	17	17	17	17	17	17	17	15	15	15	16	17	16	16	15	17
23	14	14	14	14	14	15	14	15	15	14	14	15	15	15	15	17	17	19	22	24	22	18	18	19	16
24	16	15	14	13	13	13	14	15	14	13	13	14	15	13	14	14	16	16	15	19	21	17	17	17	15
25	15	16	15	13	14	15	14	12	12	11	11	11	11	11	11	15	16	16	19	23	22	25	29	16	16
26	32	21	19	20	18	18	16	16	15	16	15	16	15	15	15	15	16	16	16	16	17	17	18	18	17
27	18	17	16	16	16	15	16	16	16	16	16	16	15	16	16	16	16	15	16	16	17	16	17	16	16
28	16	16	15	14	14	14	14	15	15	15	15	15	15	14	14	14	14	15	15	15	14	15	14	15	15
29	14	14	13	13	14	14	13	13	13	13	13	14	14	14	14	15	15	16	17	17	19	19	18	17	15
30	20	23	20	16	15	14	15	15	15	14	14	14	14	13	14	14	15	14	14	14	14	14	14	14	15
MEAN	19	18	17	17	17	16	17	17	17	15	15	15	15	15	16	16	17	17	17	18	18	18	18	19	17

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - LAWRENCE KENNEDY SCARBOROUGH													NO 33003												
MONTH MAY													73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	14	13	14	13	14	14	14	14	14	15	15	15	15	15	15	15	15	16	16	18	23	24	15
2	21	17	16	16	16	18	23	19	19	18	17	17	18	19	19	20	19	19	19	19	19	19	19	19	19
3	17	17	17	18	17	18	19	19	18	18	19	17	17	17	17	19	18	17	17	17	16	16	16	16	17
4	15	15	14	14	15	16	18	18	16	15	15	16	16	16	15	15	15	15	15	15	15	15	15	15	15
5	14	13	13	13	13	13	14	13	14	14	14	15	15	15	15	15	15	16	16	17	17	17	18	17	15
6	17	17	17	17	16	19	19	16	15	15	16	16	17	17	17	17	18	18	21	20	20	20	23	25	18
7	18	17	15	15	15	19	23	29	23	21	21	21	19	18	17	17	18	18	19	22	19	19	20	17	15
8	14	14	15	14	14	15	15	15	15	14	14	14	14	14	14	15	15	15	15	14	14	15	15	15	15
9	16	16	17	15	15	19	23	29	23	21	21	21	19	18	17	17	18	18	19	22	19	19	20	17	19
10	19	20	17	17	18	23	30	27	21	21	19	19	19	19	19	17	19	20	19	19	18	21	19	17	20
11	18	21	21	16	19	21	23	20	15	15	16	16	15	15	15	16	16	15	16	16	16	17	18	18	17
12	19	15	16	16	15	17	16	15	15	15	16	16	16	16	16	17	15	15	15	15	15	14	14	14	16
13	14	14	13	13	12	13	13	13	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	14	14
14	14	13	13	13	14	16	21	17	15	14	15	14	15	15	16	16	16	16	17	19	23	24	24	17	17
15	22	17	17	16	16	16	21	20	17	15	14	14	14	14	14	18	16	16	17	19	20	20	19	20	17
16	19	18	17	17	16	19	22	19	17	16	16	15	16	15	16	17	16	16	17	16	15	15	15	14	17
17	14	14	15	16	15	16	19	17	15	14	14	14	15	15	16	21	21	19	17	18	17	15	15	15	16
18	16	14	14	14	14	15	21	20	15	15	16	15	15	17	18	20	18	17	18	18	17	19	17	17	17
19	18	18	19	18	18	19	17	16	16	15	16	17	17	17	17	16	16	16	17	17	19	23	30	27	18
20	34	37	36	28	25	21	18	15	14	14	14	14	14	14	14	14	14	15	15	15	15	16	18	18	19
21	16	17	15	14	14	14	15	15	16	17	17	17	17	16	16	17	17	17	17	17	19	19	18	17	17
22	18	18	19	20	21	21	21	19	16	16	17	16	17	18	19	16	15	15	15	16	17	17	16	15	18
23	26	24	23	21	20	20	19	18	18	18	17	17	16	18	19	16	15	15	15	16	17	17	16	15	18
24	16	17	16	15	15	15	16	15	15	14	15	14	15	16	15	14	14	14	15	14	14	13	13	14	15
25	14	14	14	14	14	14	15	15	15	14	18	14	14	14	13	14	14	14	14	14	14	13	13	14	14
26	13	13	13	13	13	14	14	14	15	15	15	15	15	14	14	14	15	14	14	14	14	14	14	14	14
27	14	14	14	14	14	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14
28	13	13	14	14	14	14	14	15	14	14	14	14	15	14	17	16	17	21	24	24	22	25	26	24	26
29	25	18	18	16	18	20	27	22	16	18	17	18	20	17	18	19	18	18	19	19	19	19	18	16	19
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31	22	21	20	24	26	24	32	23	19	16	16	16	17	17	18	18	18	18	21	22	22	23	23	18	21
MEAN	18	17	17	16	16	17	19	18	16	16	16	16	16	16	16	17	16	16	17	17	18	19	19	18	17
PERCENTAGE OF DATA VALID -	97																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - LAWRENCE KENNEDY SCARBOROUGH												NO 33003													
												MONTH JUN 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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2	39	17	17	16	15	15	15	15	15	15	14	14	15	15	15	15	16	16	16	16	17	20	21	22	18
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MEAN	19	19	18	18	19	20	22	20	18	18	17	16	16	16	16	17	17	17	18	19	19	19	19	19	18
PERCENTAGE OF DATA VALID -					97																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUL 73

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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2	20	20	22	21	19	22	19	16	16	16	16	15	15	16	17	17	17	18	18	18	19	19	18	17	18
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31	9	9	9	9	9	9	11	13	12	13	16	17	16	18	18	16	13	12	11	12	13	12	14	12	13
MEAN	18	19	19	17	17	19	20	17	15	15	15	15	15	15	16	16	16	16	17	17	18	18	21	18	17

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
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18																										
19																										
20																										
21	19	19	18	18	19	20	24	22	20	19	20	20	20	20	20	21	22	22	22	21	19	18	18	18	20	
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31	26	26	22	21	22	22	21	21	22	22	23	23	23	22	22	21	21	22	22	25	29	31	26	25	27	24
MEAN	22	22	21	21	20	21	23	21	19	19	18	18	18	18	19	19	20	20	21	22	22	22	22	23	21	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - LAWRENCE/KENNEDY SCARBOROUGH													NO 33003												
MONTH SEP													73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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MEAN	23	23	23	22	22	23	27	26	22	21	20	20	20	20	20	21	22	21	22	23	23	24	24		
PERCENTAGE OF DATA VALID :													97												

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION															
STATION - LAWRENCE/KENNEDY SCARBOROUGH										NO 33003 MONTH OCT 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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7	22	24	21	20	20	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19
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9	20	19	19	19	19	21	32	32	21	19	19	18	18	18	18	19	20	20	23	27	34	45	36	38	24
10	37	33	31	26	26	29	45	56	32	22	19	19	23	23	23	23	24	26	26	25	25	26	25	23	28
11	23	23	23	23	24	24	25	25	24	23	23	23	23	23	23	24	25	25	26	26	25	25	32	42	25
12	38	36	31	28	30	30	38	35	30	26	25	25	26	26	26	27	27	27	29	32	32	29	28	31	30
13	29	28	26	26	25	24	25	25	26	25	25	25	25	25	25	24	25	25	24	24	23	23	22	21	25
14	22	22	22	21	21	21	22	22	22	22	21	22	22	22	22	22	22	22	23	23	23	23	23	23	22
15	22	22	22	24	25	25	32	37	33	30	27	23	23	23	23	22	22	22	22	23	25	27	25	23	22
16	21	22	20	19	19	21	25	23	21	20	20	20	20	20	20	16	17	16	17	17	16	16	16	16	19
17	15	14	14	14	14	16	25	26	17	16	16	17	19	18	18	20	20	19	20	20	20	22	21	19	18
18	19	19	19	22	17	18	23	25	19	20	19	20	20	20	20	23	23	21	25	21	21	21	21	22	21
19	20	20	22	20	20	20	32	37	32	32	23	19	17	18	19	18	19	21	19	18	17	17	17	17	21
20	17	17	22	20	19	19	21	20	20	20	20	21	21	22	22	23	22	21	22	19	18	20	21	20	20
21	22	21	22	24	22	19	22	23	22	17	17	18	18	18	18	19	21	24	25	25	29	35	48	53	24
22	41	36	40	38	32	38	42	53	57	44	40	27	23	21	21	23	26	27	25	28	33	51	53	44	36
23	41	37	38	45	37	38	54	66	60	48	43	35	29	26	26	28	29	32	32	33	33	41	43	48	39
24	38	36	33	33	34	50	67	68	53	33	33	30	24	23	25	27	26	25	24	25	23	22	23	23	33
25	27	27	29	24	23	24	28	26	24	24	18	19	18	18	19	20	20	22	26	36	35	23	21	21	24
26	25	22	19	19	21	24	30	35	26	21	21	21	20	20	22	23	28	26	24	23	22	19	19	19	23
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29	14	14	14	14	14	14	14	15	15	15	15	15	17	19	19	17	17	16	15	15	15	15	17	15	15
30	14	15	15	15	15	15	15	16	17	16	16	16	18	17	17	21	26	27	20	22	20	20	19	17	18
31	17	17	18	17	18	18	21	23	22	18	19	20	21	22	21	23	28	24	21	21	20	19	18	18	20
MEAN	24	23	22	22	21	23	29	29	26	23	21	21	20	20	20	21	22	22	22	23	23	24	24	24	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION														
STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003												MONTH NOV 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	18	18	17	18	19	18	19	21	19	17	17	16	16	16	16	16	17	17	18	18	17	16	16	16	17	
2	16	17	19	17	17	17	19	24	24	23	20	21	23	24	25	25	28	28	24	22	21	21	20	20	21	
3	20	20	19	18	18	18	18	18	18	18	18	18	19	18	18	18	18	18	17	17	17	17	17	17	18	
4	19	19	19	19	18	18	18	19	18	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	20	
5	19	18	18	18	18	17	19	28	21	19	17	17	20	20	19	20	21	20	21	21	20	20	20	18	20	
6	17	17	17	17	17	16	17	19	18	17	17	17	18	18	18	18	19	19	19	18	18	18	18	18	18	
7	17	17	17	17	17	18	19	23	21	19	18	18	20	21	21	22	22	25	26	28	33	36	34	29	22	
8	23	21	20	20	20	20	20	22	22	22	22	20	19	18	19	19	20	21	21	21	21	20	20	20	20	
9	19	19	18	18	19	19	21	25	26	22	21	19	***	17	***	24	24	25	22	23	21	21	20	20	21	
10	20	20	19	19	18	18	18	19	20	19	19	20	20	20	20	20	20	22	22	21	20	19	19	20	20	
11	20	20	20	20	19	18	18	19	19	18	18	18	20	19	21	20	21	21	20	21	21	21	21	21	20	
12	21	21	21	21	21	20	22	23	24	23	22	22	22	22	23	23	24	24	25	25	24	26	26	27	23	
13	27	25	25	24	25	26	27	30	34	32	28	27	27	28	29	31	31	30	30	31	29	27	27	25	28	
14	24	23	22	22	22	23	23	25	25	23	23	24	24	24	23	24	26	31	35	37	41	***	***	***	26	
15	- DATA MISSING -																									
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	21	21	19	18	23	18	18	19	***	
17	19	19	19	18	18	17	18	19	20	22	20	21	21	21	20	20	21	20	20	21	20	20	21	21	20	
18	- DATA MISSING -																									
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	35	34	34	38	44	43	47	53	***	
20	48	31	32	30	24	22	22	23	24	22	22	***	16	17	17	16	16	16	16	16	17	17	16	16	22	
21	16	17	17	17	17	17	17	18	19	19	19	19	20	20	20	21	23	22	23	24	24	24	24	24	20	
22	23	24	23	23	23	23	25	32	28	28	27	26	26	27	28	30	35	43	46	46	31	28	30	30	29	
23	32	32	31	30	31	33	35	40	41	37	32	30	30	33	26	28	30	33	37	35	29	32	28	27	32	
24	26	22	21	21	18	18	18	18	18	18	17	17	17	18	18	16	16	17	18	23	24	19	15	15	19	
25	16	16	16	14	14	13	13	13	13	12	13	13	13	13	13	13	13	14	14	15	16	15	15	15	14	
26	14	13	13	13	13	14	14	15	15	14	13	13	***	16	16	16	17	17	17	16	16	16	15	15	15	
27	15	15	15	15	16	16	16	18	17	18	18	17	- DATA MISSING -													
28	- DATA MISSING -																									
29	18	17	16	15	15	15	18	21	21	18	17	18	18	18	18	19	19	20	19	19	18	18	18	18	18	
30	17	17	16	17	17	17	19	23	23	22	23	21	21	20	19	20	22	22	22	25	24	22	19	20	20	
MEAN	21	20	20	19	19	19	20	22	22	21	20	20	20	20	20	21	22	23	23	24	23	22	22	22	21	
PERCENTAGE OF DATA VALID -					82																					

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - LAWRENCE/KENNEDY SCARBOROUGH												MONTH DEC 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	19	18	19	21	23	24	22	22	20	20	20	22	21	22	22	19	18	18	19	20	21	20
2	20	19	17	16	15	15	15	15	14	14	14	14	12	12	11	11	11	11	10	11	11	12	13	16	14
3	21	25	17	14	16	18	24	25	22	18	18	17	15	15	15	18	22	20	17	16	15	14	13	13	18
4	13	14	14	13	14	14	17	19	17	15	15	15	15	16	15	15	15	14	13	13	13	13	13	13	15
5	14	14	13	13	12	13	12	13	14	14	16	22	22	19	19	24	18	18	19	18	17	17	17	17	16
6	17	17	17	18	18	18	19	22	21	21	21	20	19	19	18	19	19	20	19	19	17	16	15	15	19
7	15	15	16	15	14	14	16	21	21	18	19	19	19	22	21	20	22	26	22	21	18	19	21	25	19
8	24	22	19	17	17	17	17	18	19	19	20	19	17	17	16	16	16	16	15	15	15	17	14	14	17
9	15	14	14	14	13	14	13	12	12	12	12	12	13	12	13	15	16	16	14	14	14	15	15	17	14
10	15	15	15	16	17	17	18	24	22	21	22	21	18	17	***	19	21	21	20	20	19	20	21	22	19
11	19	19	18	18	17	15	16	22	18	16	15	15	***	17	18	19	22	22	20	21	20	19	18	18	18
12	17	16	16	16	15	16	21	31	30	24	22	20	19	19	20	20	23	21	20	20	18	18	17	17	20
13	17	19	20	19	27	24	24	27	23	20	18	16	16	16	16	16	17	17	17	20	21	18	18	18	19
14	25	17	15	15	15	14	15	21	20	19	18	17	18	16	20	25	22	26	22	21	18	18	17	16	19
15	18	18	16	15	16	16	16	15	15	15	16	16	18	16	17	16	17	17	16	17	16	16	16	15	16
16	15	16	15	15	15	15	15	15	15	14	14	15	14	15	15	14	15	16	19	18	16	15	15	16	15
17	15	14	14	14	15	14	14	16	18	17	18	18	18	18	18	19	20	19	18	19	17	17	17	16	17
18	15	15	15	15	14	17	26	20	21	20	19	20	***	***	18	17	18	21	22	24	26	27	31	33	21
19	31	26	26	23	20	17	17	21	17	17	16	16	16	16	16	16	16	16	16	15	14	14	14	13	18
20	13	13	13	12	12	12	13	14	14	14	14	17	14	14	***	18	19	19	18	17	16	16	15	15	15
21	15	14	13	13	13	13	15	21	19	17	16	17	16	17	17	17	18	19	16	17	14	15	17	16	16
22	14	14	13	13	12	12	12	14	15	17	22	22	21	19	16	18	16	13	12	11	12	13	13	13	15
23	13	13	14	14	13	13	13	13	13	13	13	11	10	11	11	11	11	12	12	13	13	13	12	12	12
24	12	13	13	13	14	13	12	***	***	***	***	15	15	15	15	15	15	15	15	16	17	15	15	15	14
25	14	13	13	12	13	13	12	13	13	12	13	13	13	13	14	15	15	15	14	14	14	15	15	15	14
26	16	17	16	16	16	18	20	21	23	21	22	20	22	20	20	22	23	22	21	20	18	18	17	17	19
27	17	17	16	16	16	16	17	19	20	19	19	20	***	***	19	18	18	18	18	19	22	21	19	16	18
28	15	15	14	14	13	13	14	15	16	16	15	15	13	12	12	12	12	11	11	12	10	10	8	9	13
29	10	11	12	12	14	14	15	14	14	15	16	15	15	16	18	18	18	17	18	16	13	11	11	11	14
30	12	11	11	11	11	11	11	11	11	10	10	9	9	9	8	8	9	10	11	10	11	11	10	11	10
31	12	11	12	13	13	12	12	13	15	15	***	16	17	17	17	16	18	19	20	18	21	18	16	16	16
MEAN	16	16	15	15	15	15	16	18	18	17	17	17	16	16	16	17	18	18	17	17	16	16	16	16	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	21	31	71
FEB	23	23	31	61
MAR	31	21	28	45
APR	28	17	27	43
MAY	31	17	22	45
JUN	30	18	27	48
JUL	31	17	27	77
AUG	29	21	29	42
SEP	30	22	28	52
OCT	31	23	39	72
NOV	27	21	32	53
DEC	31	16	21	33
YEAR	346	20	39	77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	172	261	22	1	0	0	0	456
FEB	0	74	435	28	1	0	0	0	538
MAR	0	222	448	31	0	0	0	0	701
APR	0	532	93	10	0	0	0	0	635
MAY	0	621	96	8	0	0	0	0	725
JUN	0	512	172	18	0	0	0	0	702
JUL	31	520	127	15	2	0	0	0	695
AUG	27	249	369	20	0	0	0	0	665
SEP	0	195	465	40	0	0	0	0	700
OCT	0	292	358	81	4	0	0	0	735
NOV	0	286	267	44	0	0	0	0	597
DEC	18	579	131	4	0	0	0	0	732
YEAR	76	4254	3222	321	8	0	0	0	7881

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	8	13.4	16.1	18.5	20.9	25.3	28.9	34.4	39.0	77	19.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	19	19	19	19	19	19	20	20	20	20	21	20	21	21	20	20	20	19	19	19	20
2	19	19	19	19	20	20	20	21	22	21	20	19	21	22	24	22	24	25	23	23	25	27	26	22	22
3	22	21	22	21	20	31	71	53	45	27	22	21	22	22	22	23	24	23	22	22	21	21	21	21	27
4	19	19	19	21	21	21	20	21	23	22	23	23	23	23	23	22	23	23	22	22	22	22	22	21	22
5	21	21	21	21	21	19	20	21	21	20	***	19	19	18	18	17	19	19	19	20	20	20	19	17	20
6	17	17	17	17	16	17	17	17	17	17	17	17	17	17	17	17	17	17	18	17	17	17	17	17	17
7	17	17	17	17	17	17	17	16	16	17	17	17	17	17	17	17	18	18	19	18	18	18	18	17	17
8	17	17	16	16	17	17	17	19	20	19	18	18	18	18	19	19	19	21	22	26	28	35	37	43	22
9	37	27	23	22	32	33	21	22	23	22	20	20	20	19	19	19	18	19	20	20	20	20	22	19	22
10	19	18	18	18	19	19	18	18	19	19	19	20	19	20	21	21	22	24	24	23	22	21	21	20	20
11	20	20	20	20	19	19	19	20	22	23	21	20	19	18	18	18	19	20	21	20	21	21	21	21	20
12	21	21	20	19	19	18	19	18	19	20	20	19	19	***	***	22	23	23	24	24	23	22	23	22	21
13	24	23	22	21	21	21	20	21	20	20	20	21	20	20	21	21	21	20	20	20	20	20	20	20	21
14	20	19	18	18	18	18	18	19	18	18	18	19	19	20	21	21	23	22	22	22	21	21	22	22	20
15	21	22	23	23	40	29	24	23	24	24	23	22	22	21	19	19	20	20	21	20	19	19	21	20	22
16	20	21	21	21	22	21	21	21	20	21	22	22	22	22	21	22	21	22	22	22	22	22	22	21	21
17	20	20	19	18	19	19	19	19	20	21	21	21	23	22	26	26	23	24	25	25	26	24	26	22	22
18	22	22	21	21	21	21	20	22	23	24	24	23	21	21	21	21	22	22	22	22	21	25	24	23	22
19	22	24	22	26	43	54	61	44	24	22	23	22	22	22	23	22	23	23	22	21	20	20	19	19	27
20	19	18	17	17	16	16	16	16	16	16	17	17	18	18	18	19	19	19	19	19	19	18	18	18	18
21	18	18	18	18	19	23	26	24	22	19	19	18	19	19	19	19	20	20	19	19	19	19	19	18	20
22	18	19	19	19	19	19	20	23	23	22	22	22	22	24	26	26	28	29	29	27	38	30	24	21	24
23	20	19	19	19	19	19	19	19	21	22	22	21	22	24	25	28	27	28	24	23	23	23	24	23	22
24	22	22	22	22	21	20	20	20	21	21	22	22	22	22	22	22	23	23	23	24	25	27	27	25	23
25	24	22	22	22	22	23	23	23	24	23	25	24	24	25	24	24	25	28	30	30	30	31	49	50	27
26	48	54	41	47	58	53	61	58	64	56	29	26	28	27	26	28	32	36	28	28	28	28	28	28	39
27	26	26	27	34	39	26	22	24	24	23	23	23	24	24	25	24	24	24	24	23	22	22	22	22	25
28	22	21	21	21	20	20	20	20	20	20	20	20	20	21	21	21	21	22	22	22	21	20	20	19	21
29	19	19	19	19	19	19	19	19	19	19	19	20	20	20	***	18	18	19	18	18	22	31	23	23	20
30	22	21	19	19	19	20	20	21	23	23	23	22	23	22	22	23	20	21	19	19	19	19	19	19	21
31	18	18	17	17	17	17	17	17	19	18	18	19	19	21	20	20	21	21	20	20	19	19	19	19	19
MEAN	22	21	21	21	23	23	24	23	23	22	21	21	21	21	21	21	22	22	22	22	22	23	23	22	22

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	19	18	18	19	21	23	23	22	21	23	23	22	23	24	25	23	22	22	22	23	23	21
2	22	21	21	21	21	22	22	24	26	26	27	26	26	30	41	41	49	63	77	66	36	29	27	25	33
3	24	19	18	17	17	17	17	17	17	17	17	17	17	17	18	18	18	19	18	18	17	17	17	17	18
4	18	18	18	17	17	17	17	18	18	18	19	19	20	19	20	20	20	21	20	19	17	17	16	16	18
5	17	18	19	18	18	17	18	19	***	***	***	***	***	***	***	19	19	20	20	20	19	19	18	18	18
6	17	17	17	17	17	17	17	18	18	18	18	18	18	***	19	19	20	20	21	23	21	21	19	19	19
7	20	21	22	24	21	20	19	22	23	23	22	20	21	20	20	21	22	22	22	22	22	23	22	18	21
8	17	17	16	16	17	17	17	17	17	17	17	17	18	18	18	18	18	19	18	18	18	19	19	19	18
9	19	19	18	19	30	28	28	29	29	22	19	18	18	18	19	19	20	20	22	23	21	20	21	19	22
10	20	20	20	21	20	19	19	18	18	17	16	16	17	17	17	18	18	18	18	18	18	18	17	17	18
11	18	18	17	17	17	17	17	17	17	17	18	18	18	17	17	17	18	18	19	19	18	17	***	***	18
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	19	20	20	21	32	34	40	43	49	***
13	51	48	48	43	52	48	51	58	53	32	22	22	22	29	29	30	30	26	38	60	65	60	68	70	44
14	69	71	71	71	73	57	46	37	27	24	24	23	22	21	19	20	21	21	20	20	19	19	19	18	35
15	18	17	17	16	16	16	16	17	18	18	18	18	19	19	19	20	21	21	21	21	20	20	20	19	19
16	17	17	17	18	18	18	18	18	18	18	18	19	19	19	19	19	20	21	20	19	19	19	19	19	19
17	19	18	18	18	18	18	18	18	18	18	19	19	20	20	20	20	20	21	***	***	***	***	***	***	19
18	- DATA MISSING -													- DATA MISSING -										- DATA MISSING -	
19	- DATA MISSING -													- DATA MISSING -										- DATA MISSING -	
20	- DATA MISSING -													- DATA MISSING -										- DATA MISSING -	
21	***	***	***	***	***	***	***	***	***	***	***	***	22	22	26	24	26	28	30	24	21	21	21	20	***
22	19	17	17	17	17	17	17	17	18	17	17	18	19	19	19	19	20	21	22	22	22	24	21	32	20
23	40	36	39	43	44	38	40	39	26	19	18	18	19	19	19	19	19	19	20	20	21	22	21	20	27
24	21	20	19	19	29	32	24	22	20	19	19	19	19	19	19	20	20	20	20	19	19	19	20	20	21
25	21	28	37	38	32	38	33	29	22	20	21	21	21	20	20	21	21	22	22	21	20	20	20	19	24
26	20	20	21	28	31	26	24	26	25	22	20	20	20	***	15	15	16	16	15	15	14	15	15	14	20
27	14	14	14	14	14	13	13	15	16	15	15	15	15	15	16	15	15	16	17	17	28	29	34	31	18
28	33	32	33	37	43	39	33	31	24	26	30	24	23	19	19	19	19	17	17	17	21	20	22	37	26
MEAN	24	24	24	25	26	25	24	24	22	20	20	19	20	20	20	21	21	22	23	24	23	23	24	24	24

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002												MONTH MAR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	39	42	26	19	17	18	17	17	18	19	19	20	19	20	20	20	22	25	27	26	20	28	45	47	25
2	48	50	62	51	56	70	44	49	43	26	24	24	22	21	22	23	22	21	19	19	19	18	17	33	33
3	16	16	15	15	15	15	15	15	15	15	15	15	17	17	17	16	19	17	22	20	52	48	63	54	23
4	56	35	43	37	52	65	58	54	37	23	17	15	15	15	15	15	15	14	14	14	14	14	15	15	28
5	15	14	13	12	12	12	12	13	13	13	12	12	19	19	19	20	20	19	19	18	18	18	18	18	16
6	19	19	18	18	19	19	20	22	27	24	21	19	20	20	21	21	22	24	22	22	22	22	24	41	22
7	23	21	19	19	19	20	21	22	22	21	21	22	23	25	27	26	26	25	23	22	21	21	22	24	22
8	22	25	28	24	22	22	25	28	31	26	24	23	21	20	20	20	20	20	20	21	24	36	42	41	25
9	42	45	53	54	53	53	55	52	25	19	19	19	18	19	20	20	20	21	21	20	20	20	19	30	30
10	19	19	19	19	19	19	19	19	19	20	24	24	25	26	26	25	25	24	24	25	23	27	22	23	22
11	33	52	57	29	23	22	22	22	21	21	21	22	22	24	24	23	23	23	24	26	34	54	39	34	29
12	45	26	26	21	20	20	20	20	21	22	21	21	21	20	20	20	20	20	19	18	17	17	17	17	21
13	17	16	16	16	17	17	17	16	17	17	17	18	22	21	21	22	22	24	26	25	23	22	49	67	23
14													DATA MISSING -												
15													DATA MISSING -												
16													DATA MISSING -												
17													DATA MISSING -												
18													DATA MISSING -												
19	15	15	15	14	14	14	14	14	14	15	15	15	14	14	15	15	16	16	16	15	15	15	15	15	17
20	15	15	15	14	14	14	14	14	14	15	15	15	15	15	15	15	16	16	16	15	15	15	15	15	17
21	21	20	25	28	24	19	19	19	19	19	19	19	19	20	22	21	23	22	23	23	23	21	22	21	21
22	21	19	19	19	19	18	19	20	20	20	20	20	20	20	20	20	19	21	21	23	25	41	39	34	23
23	38	35	29	43	53	46	50	37	22	19	17	18	19	20	21	21	21	21	20	47	41	42	52	51	33
24	54	66	56	57	59	53	55	49	40	29	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23
25													DATA MISSING -												
26	17	18	19	19	19	20	19	19	20	19	19	19	13	14	15	15	15	15	15	15	15	15	15	15	17
27	58	60	61	60	60	60	41	29	27	27	26	37	30	27	26	24	24	25	25	25	25	26	26	26	27
28													DATA MISSING -												
29													DATA MISSING -												
30													DATA MISSING -												
31	26	28	28	27	19	17	17	17	17	17	18	20	22	22	22	23	22	21	20	18	17	17	18	18	20
MEAN	31	31	31	29	29	29	28	26	23	21	20	20	20	20	21	21	21	21	22	22	24	27	30	31	25
PERCENTAGE OF DATA VALID -												69													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION													
	STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002											MONTH APR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	17	17	17	17	16	17	17	17	17	17	18	18	19	18	17	16	15	15	15	15	17
2	15	14	14	14	14	14	15	15	17	17	19	20	22	23	26	25	24	22	21	19	19	19	18	18	19
3	18	19	22	24	23	26	28	24	22	22	21	21	25	26	30	34	35	32	28	26	26	24	24	25	
4	24	25	28	24	22	23	22	20	41	65	38	29	28	26	26	26	24	27	24	21	20	19	18	17	27
5	17	17	16	16	15	15	15	15	15	16	17	21	21	22	21	19	20	21	19	19	21	23	22	21	19
6	20	20	19	18	18	18	18	18	18	18	18	18	18	18	19	19	22	19	17	17	27	36	38	42	21
7	43	33	22	17	15	15	15	15	15	15	16	18	17	17	17	18	18	17	17	17	17	17	17	17	19
8	17	16	16	15	15	15	15	15	15	15	15	15	15	16	16	16	15	16	15	15	16	15	16	16	16
9	17	16	16	15	16	16	15	16	17	18	20	22	25	26	27	25	24	25	24	21	20	19	19	19	20
10	18	18	18	18	19	19	23	23	21	20	19	20	21	21	22	23	24	25	23	20	20	20	20	19	21
11	20	20	20	21	22	24	25	25	22	21	21	23	24	25	26	26	24	24	24	24	23	22	22	23	23
12	34	46	47	42	44	62	48	30	26	23	22	22	24	25	26	27	26	27	26	26	25	24	23	23	32
13	26	27	31	32	31	30	30	28	26	28	33	39	45	45	37	32	31	32	29	28	26	26	26	26	31
14	35	43	44	48	54	54	55	45	32	29	28	27	28	26	26	26	24	24	24	22	22	23	24	24	33
15	31	60	67	57	56	56	56	46	34	25	22	21	21	20	20	19	19	20	21	21	25	45	58	61	37
16	58	58	58	56	62	62	60	50	30	23	22	22	24	24	29	31	34	32	28	24	22	21	21	21	36
17	20	19	18	18	17	17	17	18	18	18	19	22	24	25	26	29	31	34	37	41	40	41	52	76	28
18	71	66	74	68	68	55	49	47	46	45	36	28	27	29	26	26	26	28	26	27	29	30	28	29	42
19	30	24	24	25	29	26	21	22	23	22	22	22	23	22	22	22	22	22	22	58	49	39	39	39	28
20	DATA MISSING -																								
21	DATA MISSING -																								
22	DATA MISSING -																								
23	DATA MISSING -																								
24	DATA MISSING -																								
25	19	17	16	18	17	15	15	15	16	17	18	20	23	22	22	24	22	21	20	19	19	19	19	19	19
26	21	22	24	25	29	26	21	22	23	22	22	22	23	22	22	22	22	22	22	58	49	39	39	39	28
27	DATA MISSING -																								
28	DATA MISSING -																								
29	DATA MISSING -																								
30	DATA MISSING -																								
MEAN	27	28	29	28	29	27	29	26	24	24	22	22	24	24	23	24	24	24	23	24	24	25	26	27	25
PERCENTAGE OF DATA VALID - 69																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	18	18	18	18	18	28	35	29	29	29	30	31	31	32	32	30	28	28	29	34	38	27
2	43	60	73	83	84	78	65	44	32	25	46	54	36	32	30	29	29	28	25	22	22	23	23	22	42
3	21	20	19	18	18	18	18	17	18	21	24	20	24	23	***	54	32	27	25	24	24	24	23	22	23
4	21	21	21	21	20	20	20	21	22	23	25	26	27	27	22	22	24	22	20	19	19	19	18	19	22
5	19	18	18	17	17	17	16	16	17	17	17	17	18	17	16	17	17	16	15	15	15	16	17	20	17
6	19	24	33	37	38	36	31	24	18	17	18	20	19	19	17	17	17	18	19	17	18	32	53	49	25
7	49	50	46	49	56	50	41	27	22	19	21	20	***	21	20	20	20	21	19	19	17	17	17	17	29
8	18	17	17	17	18	18	18	19	28	25	22	24	25	25	26	27	27	24	21	21	21	20	21	20	22
9	19	22	26	20	18	20	24	26	26	25	26	26	26	***	***	24	22	22	22	24	24	23	22	21	23
10	24	41	33	24	21	21	23	25	27	26	28	29	31	30	28	28	27	26	26	25	33	28	24	21	27
11	23	35	32	22	22	22	20	20	19	18	18	19	19	19	19	19	18	17	18	19	19	19	22	22	21
12	32	35	26	22	26	30	24	18	17	17	17	17	17	17	17	19	19	16	16	15	15	15	15	15	20
13	16	15	15	15	16	15	15	15	15	16	16	17	17	17	17	18	18	18	17	17	17	17	17	17	16
14	15	15	16	16	16	17	17	17	17	19	19	22	22	22	24	23	21	20	20	20	24	41	50	45	22
15	49	42	37	32	26	21	18	18	22	23	22	22	24	24	23	23	22	20	20	19	21	22	22	23	25
16	24	24	22	19	17	17	18	18	19	19	18	19	19	***	30	30	30	30	29	28	27	26	26	26	23
17	25	27	30	32	30	29	29	28	27	27	27	28	30	32	37	39	36	33	33	32	29	27	26	25	30
18	26	26	24	24	24	25	25	27	33	33	32	30	30	31	29	28	30	29	26	27	35	56	59	68	32
19	65	63	65	60	58	60	52	38	28	25	26	28	30	30	30	28	29	28	26	28	56	67	66	68	44
20	70	84	76	69	64	61	54	39	28	26	26	27	28	28	28	30	29	27	26	26	25	26	28	24	40
21	28	27	25	23	23	24	23	23	24	25	25	27	28	28	28	29	29	28	27	27	27	27	27	28	26
22	28	25	25	34	46	57	40	28	26	25	25	25	31	41	52	62	52	44	41	42	52	71	71	71	42
23	69	85	76	68	62	58	47	35	65	65	40	32	32	***	***	36	34	31	33	32	33	33	30	47	
24	27	29	28	27	26	26	26	28	28	28	28	32	35	36	35	36	33	33	32	31	31	30	28	30	
25	27	28	27	27	26	27	30	31	30	30	31	30	30	30	29	30	30	29	28	28	26	25	24	23	28
26	24	24	25	26	25	25	25	26	27	28	28	28	28	29	28	29	28	28	26	24	22	23	23	23	26
27	24	24	24	25	25	26	24	24	25	25	25	25	27	27	26	26	35	27	22	22	23	23	23	23	25
28	23	24	24	24	23	23	24	26	28	30	45	58	59	39	34	32	30	31	35	39	30	28	41	31	33
29	40	41	32	24	26	30	31	31	30	29	32	32	29	29	29	29	30	27	26	25	24	24	24	24	29
30	23	22	22	22	21	22	23	26	31	30	59	32	30	35	35	36	37	35	34	35	38	60	66	51	34
31	35	35	39	42	45	43	42	39	34	32	33	39	39	38	41	43	45	44	44	43	40	40	40	40	40
MEAN	30	33	32	31	31	31	28	26	26	26	27	28	28	28	28	30	29	27	26	26	27	30	32	31	29

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	34	33	35	35	39	38	33	32	35	39	***	***	***	***	***	***	***	38	34	32	31	29	30	34
2	30	42	45	31	23	23	23	23	22	23	23	24	27	27	28	28	29	27	27	27	28	32	60	67	31
3	57	53	53	52	53	50	39	29	28	28	28	28	28	28	28	28	29	29	29	30	34	33	29	26	35
4	27	31	32	27	26	27	32	39	60	82	124	107	***	***	***	64	60	56	51	52	54	57	65	83	55
5	95	71	45	42	37	37	40	38	41	65	61	63	108	101	86	74	63	56	54	54	55	55	52	50	60
6	55	50	48	48	46	46	46	48	46	73	***	59	56	57	56	53	52	52	52	54	55	52	51	51	52
7	53	46	45	45	44	42	40	41	40	40	43	45	45	46	48	51	53	50	48	46	45	44	41	41	45
8	42	***	***	***	***	***	***	***	***	56	56	56	56	***	***	55	57	59	60	61	64	61	53	50	***
9	48	48	48	48	49	49	47	45	43	42	44	44	43	45	49	52	53	54	49	45	43	42	46	58	47
10	58	52	59	65	73	80	47	32	28	29	33	37	39	38	39	43	46	48	48	49	50	48	46	48	47
11	49	52	74	82	81	78	62	56	53	53	54	51	46	***	***	44	48	46	44	45	47	49	51	51	55
12	50	46	44	43	44	43	42	42	46	50	57	65	68	78	87	89	89	87	85	83	75	63	66	64	
13	65	53	44	38	40	53	46	33	32	33	43	99	84	75	73	71	66	60	54	50	49	42	43	35	53
14	32	32	30	29	36	54	40	28	27	28	31	36	41	48	49	49	50	49	50	52	56	66	64	69	44
15	67	70	75	81	75	76	71	57	40	34	33	32	***	32	31	33	33	32	31	32	32	32	33	40	47
16	46	52	52	47	53	42	37	45	44	46	50	55	55	55	55	54	53	51	46	43	42	41	33	31	47
17	30	30	29	30	29	28	26	26	26	26	27	31	33	34	29	29	29	29	28	27	27	27	27	29	
18	27	27	26	26	26	26	27	28	30	30	30	34	36	***	44	77	50	40	36	35	35	35	35	36	35
19	35	35	33	31	31	31	31	32	33	33	32	31	31	31	49	40	36	31	30	31	35	38	39	43	34
20	42	42	44	47	45	42	39	33	40	40	34	32	35	35	34	35	34	33	32	34	36	41	35	33	37
21	35	38	43	57	66	81	71	53	37	52	104	116	108	96	112	100	50	41	41	43	50	70	77	74	67
22	70	64	64	70	67	72	74	66	65	81	98	98	95	***	90	83	77	68	62	57	59	65	69	73	73
23	76	72	67	65	63	59	52	44	37	28	30	29	29	35	38	39	40	40	39	39	41	52	62	46	
24	64	65	56	48	42	40	37	32	27	24	23	23	23	22	22	22	22	21	21	25	37	47	43	34	
25	51	46	55	49	49	47	40	34	28	22	23	***	***	***	21	18	17	16	16	17	17	17	24	42	31
26	35	34	35	36	45	43	21	19	21	21	23	24	32	50	25	22	21	21	20	18	17	18	24	27	
27	25	18	16	16	18	32	24	19	31	21	20	22	24	24	24	25	29	27	26	26	25	24	21	19	23
28	22	19	20	22	19	17	17	19	19	18	18	17	18	18	20	21	24	25	28	23	21	20	21	22	20
29	23	25	32	54	45	32	24	25	24	25	29	27	27	27	26	26	26	28	31	33	35	34	41	50	31
30	51	52	58	50	42	48	37	27	23	21	19														
MEAN	47	45	45	45	45	46	40	36	35	39	42	47	46	44	46	47	43	41	40	40	41	42	43	46	43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS		UNITS - PARTS PER TEN MILLION																							
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002		MONTH JUL 73																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	26	26	28	28	28	27	25	25	23	22	22	23	25	26	30	31	26	26	27	30	39	57	28
2	53	43	43	41	45	44	31	27	22	24	25	26	27	28	32	32	32	32	32	33	34	34	33	34	
3	33	33	33	33	33	34	35	36	35	36	35	32	34	32	34	37	41	40	40	39	38	37	39	45	36
4	54	51	50	50	52	54	51	49	45	41	37	36	36	75	127	122	101	86	73	65	60	47	43	39	61
5	39	36	35	29	17	16	17	39	35	21	33	26	22	36	66	63	47	40	39	36	31	25	31	33	34
6	30	41	53	45	39	38	30	23	47	92	119	98	75	64	58	55	52	49	45	41	39	40	40	41	52
7	47	50	51	47	44	42	40	38	37	37	37	36	36	36	36	36	36	36	36	36	37	37	37	37	39
8	37	36	35	35	35	36	35	34	34	34	35	35	35	35	36	37	37	35	35	34	34	33	31	31	35
9	31	30	28	27	26	25	25	41	54	50	43	40	42	41	40	40	39	36	34	32	32	33	31	30	35
10	31	34	33	32	31	31	25	24	29	28	24	25	31	39	45	50	51	48	45	42	39	37	35	33	35
11	32	30	28	27	25	24	23	19	16	16	16	16	16	16	17	16	15	15	15	14	14	15	16	20	20
12	24	22	26	38	26	17	14	14	13	13	13	15	16	17	20	27	20	18	17	18	18	19	17	17	20
13	16	16	17	18	18	18	17	18	20	19	19	21	24	26	26	27	27	26	25	24	23	23	22	22	21
14	21	16	16	16	14	13	13	13	13	12	12	13	13	14	15	14	14	14	14	16	17	17	27	32	16
15	31	30	27	33	33	30	22	15	13	12	12	12	13	14	15	15	14	13	13	13	13	18	18	28	19
16	26	23	23	25	28	27	21	16	16	15	14	14	21	16	18	20	22	21	20	17	25	33	33	33	22
17	37	36	34	35	38	36	30	26	21	15	15	15	16	18	19	19	21	21	21	21	34	37	36	34	26
18	37	38	38	42	40	37	34	31	19	15	15	16	16	16	19	20	20	20	21	21	21	45	44	36	29
19	37	37	37	40	34	35	37	30	33	36	27	24	24	23	22	22	23	23	23	22	23	23	24	24	28
20	24	25	24	23	19	26	30	20	17	17	20	22	24	27	29	34	37	37	30	19	16	16	15	15	24
21	15	14	13	13	13	12	13	13	12	12	13	15	19	24	25	25	26	27	27	27	31	34	33	35	20
22	37	36	32	29	28	26	24	16	14	13	13	14	15	18	21	23	24	24	24	25	30	33	30	35	24
23	34	32	30	29	26	25	24	20	16	15	16	18	20	21	24	25	28	29	31	31	34	43	41	39	27
24	39	38	38	37	37	34	36	27	24	22	23	27	32	37	41	42	44	44	44	46	47	49	55	67	39
25	48	42	40	42	49	44	42	72	50	35	31	29	32	32	28	26	30	35	36	37	37	37	37	39	39
26	39	42	47	56	63	67	66	57	51	47	46	45	45	45	46	50	51	51	49	46	44	42	40	40	49
27	40	40	40	40	39	39	39	40	40	41	41	43	41	41	43	43	44	44	43	41	42	41	39	37	41
28	36	36	35	34	34	34	34	34	33	33	33	33	36	36	36	36	36	36	36	34	32	31	30	29	34
29	26	19	17	16	16	16	16	15	15	15	15	17	21	26	32	35	34	32	30	29	32	36	32	32	24
30	34	34	32	31	35	35	31	30	26	20	21	23	26	28	30	31	34	35	35	34	34	33	34	35	31
31	42	48	51	47	51	55	53	42	38	43	50	55	61	66	71	75	75	72	71	68	68	67	64	61	58
MEAN	34	33	34	33	33	32	30	29	28	28	28	28	29	32	35	36	36	35	33	32	32	34	34	35	32
PERCENTAGE OF DATA VALID -		99																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002												MONTH AUG 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	59	52	42	37	35	32	31	32	31	29	28	27	33	35	35	35	35	37	46	60	80	59	52	50	42
2	50	50	46	43	40	34	29	28	28	27	26	30	34	35	35	36	36	37	36	34	33	36	38	38	36
3	35	26	19	17	30	34	21	17	19	20	20	21	23	26	29	30	31	32	32	33	34	34	32	28	27
4	31	27	30	37	22	21	26	17	16	16	17	20	24	26	29	30	30	30	31	33	39	42	39	38	28
5	40	42	44	44	42	44	39	28	23	23	26	27	30	32	33	33	32	31	31	30	30	31	32	33	33
6	33	34	34	34	33	32	30	30	29	30	31	32	33	34	36	38	38	38	38	38	38	38	38	39	35
7	39	39	41	43	53	56	54	52	47	43	41	41	39	40	42	43	44	44	43	42	41	41	41	41	44
8	41	41	41	41	40	46	49	47	43	41	39	40	41	42	43	43	47	48	48	48	47	46	46	46	44
9	45	44	43	42	41	41	41	43	45	47	47	45	46	44	44	47	50	50	49	48	47	46	46	46	45
10	44	44	54	50	45	43	41	40	36	36	36	36	37	37	37	37	39	39	39	39	39	42	44	47	41
11	50	54	54	56	57	69	65	32	27	29	30	31	33	33	32	32	33	33	33	33	32	32	32	32	39
12	36	41	44	46	38	27	22	17	16	16	17	22	25	28	30	32	33	33	31	30	32	36	37	34	30
13	33	29	26	26	18	18	18	18	17	16	16	19	24	25	26	27	29	31	32	33	34	36	38	42	27
14	44	54	52	48	48	49	46	45	38	25	25	27	29	30	31	34	40	41	41	42	45	49	46	42	40
15	38	35	32	31	29	22	19	19	19	19	18	18	19	22	25	27	30	33	34	35	37	40	42	37	28
16	37	37	36	32	30	32	32	30	28	21	22	26	30	37	35	35	35	34	34	34	40	47	42	40	34
17	40	43	45	44	42	40	39	37	27	20	19	23	28	32	32	34	37	39	39	39	39	39	39	37	36
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19	39	30	19	17	17	17	17	18	18	18	19	21	25	27	30	32	35	36	35	35	36	41	44	42	28
20	45	56	61	56	47	51	50	38	24	20	20	21	25	27	28	29	31	33	34	36	36	35	33	31	30
21	28	21	19	19	18	18	18	19	18	18	24	25	21	20	20	19	19	19	18	18	18	20	35	24	21
22	18	17	18	23	23	22	20	19	19	18	24	15	15	15	15	15	15	14	17	29	34	32	40	20	
23	42	39	39	41	39	35	34	38	39	33	22	20	20	18	17	16	16	16	16	18	31	37	39	45	30
24	44	32	29	45	65	38	35	32	23	19	17	17	17	17	19	25	30	31	30	25	20	32	52	43	31
25	41	39	40	43	42	40	41	36	27	22	18	18	21	24	25	27	27	28	29	30	37	44	5		
26	49	34	60	56	52	52	47	24	22	22	24	26	28	31	32	33	34	34	36	38	39	40	43	43	38
27	42	44	47	51	45	42	40	45	47	45	45	42	40	41	44	45	47	48	48	47	48	51	59	65	47
28	64	60	61	58	52	48	45	43	42	42	41	41	44	44	45	45	47	49	49	48	47	47	59	65	49
29	64	66	70	68	65	59	55	51	49	49	47	45	44	44	46	47	48	48	48	49	49	49	48	52	
30	48	47	46	45	46	54	62	62	61	58	54	50	48	49	49	49	49	49	49	49	52	58	62	64	53
31	70	71	66	57	52	49	45	44	46	48	48	45	44	45	46	44	44	45	46	46	47	48	48	49	50
MEAN	43	42	41	41	40	38	36	33	30	28	30	29	31	32	33	34	35	36	36	37	39	41	42	42	36
PERCENTAGE OF DATA VALID -					98																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 73

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	50	52	55	57	63	68	67	62	57	53	50	48	47	46	46	46	46	45	45	45	46	46	48	51	
2	51	55	58	67	76	76	74	69	62	55	50	46	44	43	43	44	44	44	44	44	49	52	56	54	
3	59	62	66	69	69	68	69	71	65	58	52	48	46	44	46	44	44	43	43	44	48	59	65	67	
4	69	70	71	70	74	75	75	72	70	67	60	58	56	53	52	51	52	51	52	52	53	53	55	59	
5	72	76	75	73	72	72	72	73	72	69	65	60	59	55	53	53	56	56	57	57	56	53	52	63	
6	51	49	48	46	44	46	46	46	44	41	42	46	42	42	43	46	46	44	43	41	36	28	26	42	
7	25	27	30	28	28	25	28	29	29	25	24	24	***	***	***	19	19	19	18	18	21	32	32	33	
8	31	19	17	17	17	17	17	17	18	17	17	17	17	17	17	17	17	17	17	17	17	17	21	18	
9	28	29	29	26	21	23	31	25	19	17	17	16	16	16	17	17	16	16	16	16	16	16	17	20	
10	28	29	31	32	34	32	34	34	27	22	19	19	19	19	18	18	19	19	21	23	21	20	19	24	
11	19	19	18	16	17	18	19	20	18	16	16	16	16	19	19	19	22	21	20	17	16	16	15	18	
12	16	16	16	16	16	16	17	20	20	18	17	19	26	20	24	29	22	18	17	18	24	32	32	21	
13	43	41	45	40	39	41	43	42	78	46	24	22	22	19	24	28	23	39	130	202	188	113	73	60	
14	55	52	46	38	34	31	31	38	32	28	43	40	34	97	200	101	51	38	35	36	38	45	47	52	
15	56	55	50	52	52	51	48	40	31	24	22	24	23	23	22	23	23	23	21	20	20	19	18	32	
16	18	18	18	18	18	18	18	18	18	17	17	17	18	18	19	19	19	18	18	18	19	27	30	20	
17	34	35	33	34	35	31	33	33	26	20	18	18	***	***	***	***	***	***	***	***	***	***	***	***	
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
20	22	22	22	22	21	19	18	18	18	18	18	18	18	19	19	18	20	18	19	19	19	20	20	21	
21	42	43	42	40	38	38	39	40	34	27	23	22	21	21	21	21	21	21	22	37	46	34	23	31	
22	20	21	22	22	21	21	21	22	22	22	24	25	26	26	25	26	27	28	26	25	28	26	32	28	
23	35	42	48	47	53	44	34	25	21	21	22	22	22	22	21	21	21	21	21	21	24	29	35	34	
24	26	26	21	21	21	22	22	24	24	23	23	22	22	22	23	23	22	22	22	23	24	24	23	22	
25	21	22	23	22	22	22	23	23	22	22	22	22	23	23	23	24	24	24	24	24	24	35	43	25	
26	38	28	28	25	25	25	25	24	23	***	***	***	21	21	21	21	23	22	24	24	24	35	43	25	
27	36	22	18	18	21	21	22	23	23	23	23	23	36	66	55	53	50	48	43	25	21	20	19	30	
28	18	19	22	24	31	34	37	34	28	24	20	19	20	68	40	25	23	23	25	26	26	31	44	45	
29	43	53	49	53	62	77	52	50	31	20	18	17	17	17	17	19	21	20	19	24	30	36	35	36	
30	34	35	37	35	34	34	33	32	26	19	18	17	17	17	18	18	17	17	23	35	37	38	40	28	
MEAN	37	37	37	37	38	38	37	37	34	30	28	28	28	32	35	31	29	28	32	35	37	36	36	38	

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 73

		MONTH OCT 73																								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	44	42	43	44	44	44	45	49	27	18	17	17	17	17	18	18	18	18	18	21	35	25	19	18	28	
2	17	18	18	17	16	16	17	18	18	17	17	17	19	20	20	21	20	20	20	21	20	20	21	23	19	
3	29	28	24	22	22	22	23	25	25	22	21	20	20	20	20	21	22	21	22	24	24	24	33	45	24	
4	44	24	17	17	***	***	***	***	***	***	***	***	20	20	20	21	22	21	22	24	24	24	33	45	24	
5	22	23	17	15	15	15	16	16	16	16	16	16	16	16	16	16	17	17	18	24	25	29	33	35	19	
6	35	50	58	55	41	40	39	39	39	32	21	18	18	18	17	18	18	18	18	18	19	40	49	48	52	33
7	41	38	35	45	39	26	19	20	18	17	16	16	16	17	18	18	18	18	18	17	17	17	17	17	22	
8	17	16	17	26	24	17	16	17	16	16	16	16	17	17	17	17	17	17	17	19	30	44	38	35	21	
9	34	35	38	31	32	31	32	41	30	21	19	19	19	19	18	18	19	19	21	53	55	47	52	59	32	
10	62	62	59	58	56	54	57	81	71	49	36	25	22	21	20	19	19	20	22	21	19	20	18	38	38	
11	18	18	17	17	17	17	18	21	21	20	19	19	18	19	19	19	20	21	22	27	56	48	46	25	25	
12	46	48	43	33	26	27	32	31	30	25	***	***	20	21	20	20	21	22	23	40	52	63	52	51	34	
13	28	26	25	23	22	20	20	21	20	21	20	20	19	19	19	19	19	19	19	18	18	17	17	16	20	
14	16	16	16	16	16	16	16	16	16	15	15	15	16	16	16	16	17	17	17	17	17	18	18	16	16	
15	17	16	35	37	36	37	36	41	45	30	23	18	16	16	17	18	17	16	16	18	23	22	19	24	24	
16	16	18	17	15	15	15	16	17	18	18	18	22	19	23	25	23	22	22	21	22	22	22	23	23	20	
17	23	23	22	22	22	23	25	31	35	32	26	24	***	***	23	23	22	22	22	22	22	23	23	22	24	
18	22	22	23	25	23	21	21	21	20	19	20	20	20	20	20	20	20	19	19	20	22	25	24	26	21	
19	31	41	44	50	51	44	42	46	53	43	31	25	23	24	26	28	30	28	25	25	25	24	24	24	24	
20	23	23	29	36	35	30	25	24	23	21	21	21	21	21	20	20	20	20	19	18	18	18	18	23	23	
21	18	24	37	40	41	38	41	40	36	28	21	21	21	21	20	21	20	21	21	42	51	54	55	33	33	
22	62	67	64	61	60	62	61	64	65	63	50	37	31	29	27	25	26	26	27	38	58	64	67	70	50	
23	70	73	77	82	74	57	53	57	67	79	90	100	113	94	70	51	44	44	45	41	44	57	65	73	68	
24	78	83	91	93	93	94	86	83	126	126	88	59	***	36	34	32	30	32	32	46	56	56	56	68	54	
25	56	46	37	32	30	30	34	50	64	87	78	69	64	49	35	31	30	32	49	84	103	121	64	32	54	
26	31	29	26	27	31	34	36	46	43	37	68	143	191	70	19	18	18	17	17	17	16	17	17	16	41	
27	16	15	15	15	15	14	14	15	15	15	15	14	14	14	15	15	14	15	16	16	16	15	14	15	15	
28	14	14	14	14	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	
29	13	13	13	13	13	13	13	14	15	14	14	14	14	15	16	16	15	15	15	14	15	14	14	13	14	
30	13	13	13	13	13	13	13	14	14	14	14	14	14	15	15	16	17	17	17	18	25	30	46	16	17	
31	16	14	14	15	17	15	16	17	18	16	15	15	17	17	16	17	18	18	17	16	16	15	14	15	16	
MEAN	31	32	32	33	32	30	30	33	34	32	29	29	29	25	22	21	21	21	21	26	31	34	32	31	29	

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002											MONTH NOV 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	16	16	15	15	16	16	16	15	15	14	14	14	13	14	14	15	14	14	14	14	14	15
2	14	15	15	16	15	15	18	20	19	18	16	17	20	17	17	16	16	17	15	14	14	14	17	16	16
3	15	15	15	16	14	13	13	14	13	13	13	13	13	13	12	12	12	12	13	13	13	13	13	13	13
4	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	13	14	14	14	16	17	14
5	15	15	15	15	14	13	13	13	14	13	12	12	12	12	12	12	15	15	15	15	16	16	15	15	14
6	15	15	15	16	16	15	15	16	16	16	15	15	14	15	14	14	15	15	15	15	16	15	14	15	15
7	15	16	16	17	17	16	17	17	17	16	15	14	17	17	18	17	17	19	22	22	42	63	53	26	22
8	21	19	18	17	17	17	17	17	18	18	17	17	16	15	15	15	15	16	17	17	16	16	16	18	17
9	17	17	16	16	17	16	16	16	16	15	15	14	14	14	14	14	15	15	15	14	14	14	14	14	15
10	15	15	15	15	15	15	15	15	15	15	14	14	14	15	14	14	15	15	16	17	17	16	15	16	15
11	17	16	16	16	16	16	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16
12	17	17	17	17	17	16	16	17	17	18	17	17	17	17	17	17	17	18	18	19	19	20	20	18	18
13	19	19	19	19	19	19	19	20	23	22	20	19	22	19	20	21	21	21	21	22	21	18	19	18	20
14	19	20	20	19	18	18	18	17	17	17	17	17	17	15	15	15	16	20	20	24	43	42	65	48	23
15	45	27	22	16	15	13	13	14	15	14	15	16	15	14	15	14	14	14	13	13	13	13	13	13	16
16	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	15	13
17	16	17	16	15	15	15	15	15	16	18	15	15	15	14	14	14	15	14	15	14	14	15	14	15	15
18	16	18	31	27	31	50	74	79	59	16	15	14	15	15	15	15	14	15	15	15	16	14	14	14	25
19	14	14	15	15	14	14	14	15	16	16	16	16	15	15	15	17	17	15	24	40	36	41	52	53	22
20	56	53	56	56	47	17	16	17	19	18	18	16	15	15	15	15	15	15	15	17	14	14	14	14	24
21	14	14	14	14	15	15	15	17	17	17	17	17	17	17	13	7	7	14	19	16	16	15	14	14	15
22	14	15	16	16	16	16	17	19	20	18	17	16	17	17	17	17	19	23	45	80	49	41	44	51	26
23	30	19	18	19	25	37	36	26	32	26	20	17	15	15	15	15	20	22	29	27	26	42	40	51	26
24	37	51	51	49	42	50	36	17	17	16	16	16	17	17	18	18	18	24	21	31	25	18	16	16	27
25	16	16	16	15	13	12	12	12	12	12	12	13	12	13	13	13	13	14	14	14	23	16	15	16	14
26	15	14	13	13	13	13	13	14	15	14	14	15	14	14	15	14	15	14	14	14	14	14	14	14	14
27	14	14	14	14	14	15	15	17	18	17	18	20	24	25	28	31	28	29	37	46	38	42	43	43	25
28	42	41	22	18	15	14	14	16	18	18	16	15	14	14	14	13	13	13	13	13	12	12	12	12	17
29	12	12	11	11	11	12	13	14	13	13	12	12	12	12	12	12	13	13	13	14	15	15	14	14	13
30	16	15	15	14	14	14	15	16	18	18	17	15	15	14	13	12	13	13	13	12	12	12	12	12	14
MEAN	20	19	19	18	18	18	18	18	18	16	16	15	15	15	15	15	15	16	18	21	20	21	22	21	18
PERCENTAGE OF DATA VALID -											99														

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION														
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002												MONTH DEC 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	12	12	12	12	12	17	26	18	13	12	12	12	12	12	12	12	12	12	13	18	36	42	36	39	18	
2	34	18	14	13	12	12	12	11	11	12	11	11	12	12	12	12	13	14	13	13	15	17	24	52	55	18
3	51	48	57	49	55	45	40	22	19	18	18	16	15	16	16	17	18	17	16	16	15	15	15	15	26	
4	15	15	15	15	16	14	17	20	18	15	15	14	14	17	17	16	17	15	14	14	14	14	14	14	15	
5	14	14	13	13	13	13	14	16	21	23	18	21	18	18	18	22	19	19	18	18	17	16	16	15	17	
6	15	15	14	15	14	15	16	16	16	17	17	17	17	17	18	18	18	19	18	18	16	14	14	14	16	
7	14	14	14	13	13	13	13	13	14	14	14	14	14	14	14	16	18	17	16	17	19	38	24	40	17	
8	43	27	22	16	17	15	16	15	15	16	15	15	16	16	16	16	16	16	16	15	15	15	16	16	18	
9	17	18	17	16	16	17	15	14	15	15	15	14	16	15	15	15	15	15	16	16	18	19	19	18	16	
10	18	18	20	21	19	18	18	19	20	19	22	20	19	18	17	17	18	18	17	18	19	18	18	19	19	
11	21	17	17	17	17	17	17	18	16	16	15	15	15	15	15	15	16	16	16	16	17	16	17	17	16	
12	17	17	17	17	17	16	17	24	21	18	19	18	17	17	17	15	14	15	14	15	15	14	14	14	17	
13	18	33	45	40	40	28	21	23	22	19	16	15	14	15	17	16	17	17	17	19	15	13	13	13	21	
14	13	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	
15	13	12	12	12	12	12	12	12	13	13	13	13	13	13	12	13	13	13	14	14	13	13	12	12	13	
16	13	13	13	13	12	12	12	12	13	13	13	13	13	13	13	13	14	15	16	15	14	14	14	13	13	
17	13	13	13	13	13	13	13	13	14	14	14	13	13	13	13	13	13	13	13	13	12	12	12	12	13	
18	12	12	12	11	12	12	12	13	14	13	13	13	13	13	13	14	14	15	15	17	27	32	26	34	17	
19	36	32	29	28	27	24	22	20	18	16	15	15	15	15	17	16	16	15	15	14	14	13	14	14	19	
20	14	13	13	13	13	14	15	15	17	17	16	16	15	15	16	16	18	17	17	15	14	14	14	14	15	
21	13	13	13	13	13	13	13	13	14	14	14	14	13	14	14	14	14	14	13	13	13	14	14	14	14	
22	14	14	14	14	14	14	14	15	16	17	19	18	16	16	15	15	16	15	15	14	15	15	15	15	15	
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24	15	15	18	21	21	19	15	15	15	15	16	16	16	16	16	16	16	16	15	16	15	15	15	16	16	
25	15	15	15	15	15	16	16	17	24	16	17	16	18	18	18	19	18	19	19	18	16	17	17	18	17	
26	17	18	17	17	17	18	18	20	21	20	21	20	18	18	23	21	21	21	19	18	17	17	16	16	19	
27	16	16	16	16	16	16	17	18	19	19	19	19	18	18	18	17	17	18	17	18	19	20	18	17	18	
28	16	15	15	15	15	15	14	14	15	15	15	15	15	15	16	15	15	15	15	16	15	17	16	15	15	
29	16	15	15	17	16	16	15	15	15	15	16	15	15	16	16	16	17	17	20	17	15	13	13	13	16	
30	13	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	14	15	15	15	15	14	15	13	13	
31	15	15	15	15	15	14	13	13	14	14	13	13	14	13	13	14	15	16	25	23	20	18	17	16	16	
MEAN	18	17	18	17	17	16	16	16	16	16	16	15	15	15	15	15	16	16	16	16	17	17	18	18	16	
PERCENTAGE OF DATA VALID -					99																					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	22	39	71
FEB	25	23	44	77
MAR	24	25	37	70
APR	24	25	42	76
MAY	31	29	47	85
JUN	30	43	73	124
JUL	31	32	61	127
AUG	31	36	53	80
SEP	29	34	63	202
OCT	31	29	68	191
NOV	30	18	27	80
DEC	31	16	26	57
YEAR	348	28	73	202

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	249	457	30	4	0	0	0	740
FEB	0	286	207	52	11	0	0	0	556
MAR	0	191	242	78	7	0	0	0	518
APR	0	182	232	74	12	0	0	0	500
MAY	0	152	391	164	30	0	0	0	737
JUN	0	31	170	389	86	15	0	0	691
JUL	0	142	193	371	25	6	0	0	737
AUG	0	86	142	483	21	0	0	0	732
SEP	0	153	225	233	49	4	2	1	667
OCT	0	314	210	152	42	11	2	0	731
NOV	2	609	53	48	5	0	0	0	717
DEC	0	666	48	26	0	0	0	0	740
YEAR	2	3061	2570	2100	292	36	4	1	8066

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92	7	14.3	17.7	21.5	30.1	48.2	57.1	69.9	77.6	202	27.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2																									
3																									
4																									
5																									
6	12	11	10	10	10	10	11	11	12	12	12	12	13	13	12	12	12	13	14	14	14	13	12	12	12
7	12	13	12	12	12	12	12	12	12	13	14	14	14	14	13	13	14	15	16	16	16	16	16	16	14
8	16	15	15	15	16	17	18	20	21	20	20	18	18	18	18	17	17	19	20	21	23	23	24	21	19
9	20	21	22	20	20	22	22	23	24	22	20	20	19	18	17	17	17	19	18	17	17	17	18	17	19
10	16	16	17	17	17	17	18	21	23	20	19	18	18	18	18	18	18	19	19	19	19	20	20	21	19
11	18	19	20	19	19	19	19	20	22	20	20	20	19	19	17	DATA MISSING	12	12	12	12	12	15	17	12	17
12	13	11	9	10	10	10	12	15	15	15	14	14	15	15	15	13	14	14	18	13	15	14	15	16	14
13	17	17	16	15	15	15	15	15	15	15	14	14	16	17	17	16	16	16	16	15	15	14	14	14	15
14	13	12	12	12	12	12	10	10	10	10	10	11	12	12	12	13	12	12	13	13	14	13	12	12	12
15	12	12	12	11	12	16	16	20	21	16	15	15	15	12	11	12	12	12	12	12	13	13	12	12	14
16	12	12	13	13	14	13	14	16	16	15	15	16	16	17	17	20	18	16	14	14	14	14	13	12	15
17	14	14	14	14	14	14	14	16	18	16	15	15	15	16	16	17	22	23	23	22	22	22	19	18	17
18	18	16	16	16	17	16	18	23	23	19	17	17	17	18	19	20	24	30	28	27	25	22	21	19	20
19	19	17	18	19	21	23	20	21	21	21	21	21	21	22	22	DATA MISSING	16	16	14	14	14	14	14	14	18
20	14	14	14	14	14	14	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14
21	15	16	16	17	17	17	17	16	17	19	18	17	15	15	15	15	15	15	15	15	15	15	15	15	16
22	14	14	14	14	14	14	14	17	28	30	22	19	19	19	20	22	23	28	30	25	26	30	26	21	19
23	16	15	15	14	14	14	15	17	18	17	17	18	18	18	19	18	18	18	17	17	17	17	17	17	17
24	16	16	16	16	16	16	16	17	18	18	18	18	18	18	16	16	16	16	17	17	18	19	23	20	20
25	19	19	19	19	20	22	27	28	24	21	22	21	22	19	19	19	19	21	25	27	28	26	25	24	22
26	23	28	26	25	25	29	39	45	51	44	31	27	27	30	31	24	27	37	31	25	23	21	20	19	30
27	18	18	18	20	19	17	15	19	20	19	17	19	17	16	15	15	16	17	17	16	15	14	13	15	17
28	15	15	14	13	13	12	12	12	12	14	14	14	14	14	15	14	14	14	14	14	14	14	14	14	14
29	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	17	18	19	19	19	19	21	23	24	17
30	23	22	21	21	22	22	22	23	26	25	25	22	23	24	24	24	21	21	22	24	22	21	20	20	23
31	20	20	20	21	20	20	23	26	28	26	25	25	25	25	25	26	29	29	28	27	25	24	25	25	24
MEAN	16	16	16	16	16	16	17	19	20	19	18	17	17	18	18	17	18	19	18	18	18	17	17	17	17

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	25	25	25	25	25	29	36	39	34	31	30	28	30	32	21	23	24	20	19	18	17	17	16	26
2	16	15	13	13	13	13	17	26	31	28	23	21	23	25	34	46	37	39	41	35	28	16	17	19	25
3	17	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	21	19	16	16	16	15
4	16	17	17	17	17	17	17	17	18	17	18	18	18	18	18	18	18	19	19	19	18	18	18	17	18
5	17	17	17	17	18	18	18	21	21	21	21	15	15	15	18	21	23	21	21	18	17	19	20	19	
6	15	15	15	15	15	15	16	22	23	19	17	17	17	16	16	17	17	20	21	20	22	23	21	20	18
7	21	19	19	19	20	20	20	22	25	23	25	17	18	18	18	18	18	18	19	21	22	17	16	20	
8	16	15	14	15	14	14	14	15	16	16	14	11	10	8	14	14	14	16	17	17	17	17	16	15	
9	21	17	17	17	17	20	30	29	25	14	11	10	8	10	12	16	15	12	12	12	12	12	12	16	
10	11	11	12	12	12	11	11	11	10	9	9	9	11	10	9	9	9	11	12	12	12	12	12	12	11
11	12	11	11	11	11	11	11	11	12	13	12	11	11	11	11	11	12	13	16	16	15	14	12	12	12
12	12	12	12	11	11	11	13	18	15	14	13	13	11	11	13	13	16	18	19	18	21	17	18	19	15
13	16	17	17	17	17	19	23	33	21	15	15	13	13	13	15	16	23	29	30	23	29	41	46	39	23
14	32	28	39	40	36	28	24	27	25	19	16	15	23	22	14	14	19	18	16	15	14	14	15	14	22
15	13	12	12	12	10	10	10	10	11	11	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11
16	11	11	10	10	10	10	12	13	13	13	13	15	13	13	13	13	13	13	13	13	13	13	13	13	12
17	12	12	12	14	14	14	14	14	17	17	17	16	17	17	17	15	16	20	20	23	20	18	18	16	16
18	18	18	18	18	18	19	19	19	19	19	19	19	17	16	16	15	15	15	16	17	17	17	17	17	17
19	16	15	15	15	15	15	16	19	20	17	15	15	16	16	16	19	22	24	20	20	19	17	17	17	17
20	16	16	16	16	16	16	17	19	22	22	23	22	21	24	18	15	16	16	16	16	16	16	16	15	18
21	15	15	15	16	18	17	21	28	26	24	22	20	18	20	22	23	25	23	22	18	15	14	14	13	19
22	12	12	12	12	12	12	13	15	16	15	14	14	13	13	13	14	14	15	15	17	16	16	16	17	14
23	18	20	19	15	15	17	18	20	23	20	DATA MISSING	15	14	14	12	12	14	15	15	25	17	16	16	17	17
24	17	15	15	17	15	17	16	18	17	17	15	15	15	14	14	14	14	14	14	15	16	16	18	23	16
25	21	24	31	23	21	18	16	16	17	17	16	16	16	16	17	17	17	17	17	17	17	17	16	15	18
26	16	16	16	16	16	16	18	25	23	18	16	15	16	15	15	15	15	16	15	17	18	18	18	18	17
27	18	16	16	16	16	16	18	22	23	20	18	17	17	17	19	20	23	23	20	22	23	23	23	21	19
28	21	21	20	20	20	20	21	23	29	29	30	28	29	28	28	28	29	29	27	27	27	26	25	25	25
MEAN	17	16	17	17	16	16	17	20	21	19	17	16	16	16	17	17	18	19	18	19	18	18	18	18	17

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D. O. H. BATHURST & WILSON

NO 34007

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	23	22	21	21	21	22	22	22	22	22	22	22	22	21	22	22	23	22	21	23	24	25	23	22
2	23	28	36	36	34	36	35	39	45	39	31	24	22	23	24	24	27	25	20	20	20	17	17	16	28
3	16	16	16	15	14	14	14	16	16	15	17	17	17	17	17	18	19	21	22	23	24	24	27	28	18
4	28	31	33	25	24	25	26	28	26	17	14	14	14	13	13	13	13	13	13	12	12	13	13	13	19
5	12	12	12	12	12	12	12	15	15	13	13	13	13	11	13	13	13	14	13	13	11	11	11	11	13
6	11	11	11	11	11	11	14	22	26	25	22	17	14	14	14	15	17	21	18	18	16	14	14	16	16
7	14	10	10	10	10	10	10	13	19	21	16	13	14	14	14	20	15	17	15	16	15	16	17	15	15
8	13	13	18	19	17	15	15	19	22	15	13	12	10	10	11	10	10	10	12	13	14	16	21	27	15
9	30	24	24	26	22	17	16	21	23	15	14	14	14	14	14	14	17	17	16	16	15	15	14	13	18
10	12	12	12	12	11	11	11	13	16	19	19	17	19	19	20	20	20	21	21	20	18	15	15	17	16
11	18	16	16	14	13	13	13	14	14	14	14	15	18	18	16	17	15	14	14	16	18	17	16	14	15
12	12	9	12	12	8	8	9	10	12	11	11	12	9	11	9	9	9	9	9	9	9	9	9	9	10
13	9	9	10	10	11	11	11	11	11	11	11	11	11	11	13	13	13	15	16	16	16	14	15	16	13
14	19	21	17	13	10	10	13	18	19	19	14	11	11	13	12	12	11	14	12	12	10	11	12	12	14
15	12	10	11	11	11	11	16	24	25	23	18	15	15	15	9	9	9	9	9	9	11	10	10	10	13
16	10	10	15	10	9	9	11	11	11	11	11	11	12	13	13	13	14	14	22	12	12	12	12	11	12
17	11	11	10	9	9	9	9	9	9	9	10	9	9	10	10	10	9	8	8	8	8	8	8	8	9
18	8	8	8	8	9	9	9	9	9	9	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10
19	10	10	9	9	9	9	9	10	11	10	9	10	10	11	11	10	10	10	10	12	12	12	12	12	10
20	12	12	12	12	11	11	11	12	13	13	12	11	11	11	11	11	9	11	11	12	12	11	10	10	11
21	11	11	12	12	12	12	12	13	14	13	14	11	11	10	10	11	12	14	13	13	11	11	11	11	12
22	13	13	13	13	13	13	13	13	13	12	14	14	17	15	13	13	12	12	15	16	16	16	15	15	14
23	15	16	17	14	14	14	14	16	15	14	14	13	11	11	11	11	11	11	15	17	25	21	16	21	15
24	18	18	20	27	25	23	23	25	21	13	11	11	11	11	11	13	13	13	14	17	19	19	21	24	18
25	24	22	19	15	13	11	11	12	12	12	12	11	11	11	11	14	12	12	13	14	12	12	12	13	13
26	12	9	9	9	9	9	9	10	11	9	8	8	8	9	9	9	6	5	6	6	6	6	6	6	8
27	6	7	7	7	6	6	6	10	15	10	9	9	9	9	10	10	12	14	15	17	16	17	18	18	11
28	16	13	11	10	10	10	12	14	14	11	11	11	9	9	10	10	12	11	10	10	10	13	14	22	12
29	23	14	11	11	12	14	17	21	19	13	13	11	10	10	13	15	17	20	25	22	19	17	15	13	16
30	13	12	9	9	9	9	13	19	20	16	16	15	15	13	19	20	29	32	28	26	27	25	17	20	18
31	22	16	17	13	11	11	11	13	13	13	13	13	16	19	13	16	17	17	17	16	14	12	12	12	14
MEAN	15	14	15	14	13	13	14	17	17	15	14	13	13	13	13	14	14	15	15	15	15	14	14	15	14

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D. O. H. BATHURST & WILSON

NO 34007

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	12	11	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	11	11
2	11	11	11	11	10	10	11	13	17	20	17	17	17	17	19	19	21	19	17	15	15	12	13	13	15
3	13	13	12	12	12	12	13	15	16	15	14	14	12	12	14	13	23	34	27	22	19	21	21	23	17
4	23	21	17	14	14	17	20	28	23	18	15	15	15	15	14	14	14	14	14	14	14	14	14	14	16
5	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	17	18	21	21	15
6	17	17	15	13	13	15	16	17	18	17	15	15	14	12	12	11	11	11	12	14	18	18	16	16	15
7	15	13	12	12	12	12	12	12	13	14	14	12	13	13	15	15	15	17	17	18	16	14	13	15	14
8	15	13	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	14	14	14	14	13
9	14	14	14	14	13	13	14	18	18	15	14	14	14	14	14	14	15	15	15	15	14	14	14	14	14
10	14	14	14	15	21	18	18	21	21	17	17	17	17	16	16	16	17	17	17	16	16	16	12	13	17
11	13	13	14	14	14	14	14	14	13	13	10	10	10	10	10	10	10	8	8	8	9	9	10	11	11
12	10	12	11	9	9	9	9	10	10	8	7	7	7	7	7	7	7	7	8	8	9	9	10	10	9
13	9	9	9	10	9	9	9	10	11	8	14	14	13	13	11	13	12	12	12	12	12	12	13	14	11
14	16	17	17	15	13	14	14	14	15	15	15	16	16	15	14	14	15	15	16	18	20	16	15	18	16
15	21	20	20	14	14	15	17	16	16	16	16	16	16	16	16	19	19	21	22	25	24	25	25	28	19
16	22	27	27	25	25	26	29	27	24	19	18	17	17	19	21	18	19	16	16	18	15	14	14	13	20
17	13	13	13	13	14	14	15	17	16	16	17	17	17	16	16	19	17	16	16	18	18	19	24	26	17
18	18	18	28	28	26	28	32	28	30	33	24	17	12	11	11	13	15	17	16	19	21	21	20	24	21
19	17	14	12	12	12	14	16	21	23	18	14	14	13	15	17	18	15	16	18	16	14	10	9	15	15
20	8	8	8	8	8	8	8	9	9	10	10	10	11	11	11	11	10	10	11	11	11	11	11	9	10
21	10	10	10	10	11	13	17	15	14	13	13	13	13	13	13	13	12	13	9	8	7	7	7	11	11
22	10	10	11	10	10	10	10	9	8	8	9	9	9	9	7	7	7	7	8	9	9	9	10	10	9
23	10	10	11	12	9	10	11	11	11	11	12	13	13	13	12	12	12	11	12	14	13	14	13	12	12
24	10	10	10	10	10	9	10	11	10	11	11	11	11	11	11	11	11	11	13	17	23	15	13	13	12
25	15	15	14	14	14	14	18	20	18	16	16	17	16	14	14	15	18	19	19	20	17	18	19	20	17
26	20	17	15	15	15	15	15	15	16	14	14	14	14	14	14	16	18	19	18	19	17	17	16	17	16
27	15	14	13	13	12	12	16	17	16	16	16	15	15	14	14	17	17	17	17	16	16	15	16	16	15
28	12	12	12	13	13	13	15	15	15	16	16	16	16	11	11	12	14	14	16	15	15	15	15	16	14
29	12	12	13	15	16	16	17	14	14	14	15	14	14	14	14	13	13	15	16	20	20	20	23	22	16
30	20	22	20	20	19	23	27	27	24	21	22	22	19	20	21	23	25	20	21	23	23	22	21	20	22
MEAN	14	14	14	14	13	14	15	16	16	15	14	14	14	13	14	14	15	15	15	16	16	15	15	16	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	4	4	5	7	7	6	5	3	3	3	2	3	6	5	6	7	8	11	15	23	20	19	21	8	
2	23	18	13	13	13	12	12	15	17	10	9	9	8	8	8	9	11	13	15	15	17	21	19	16	14	
3	13	12	13	14	15	21	19	17	13	13	11	10	10	15	11	19	21	21	21	16	18	19	21	24	16	
4	26	27	24	21	22	27	28	34	25	18	15	15	15	14	18	15	21	21	15	12	13	14	16	12	20	
5	11	9	9	10	10	10	9	8	5	2	2	3	5	6	7	8	8	7	8	8	10	11	11	11	8	
6	10	14	14	15	15	16	13	14	13	16	14	10	9	13	***	12	14	16	18	21	20	18	20	17	15	
7	18	23	22	41	24	25	22	19	16	13	12	12	12	13	14	16	17	20	21	21	19	18	16	17	19	
8	17	19	17	18	21	23	23	20	19	16	16	15	15	16	17	20	20	22	22	23	24	24	24	25	20	
9	26	26	27	25	24	26	23	24	22	21	21	20	20	19	20	20	22	23	23	24	24	26	24	23		
10	24	24	23	20	20	22	22	26	27	20	18	16	14	13	13	16	14	14	15	14	14	14	15	14	18	
11	15	15	15	15	14	14	14	12	12	12	12	12	***	7	6	6	8	9	10	11	14	14	15	13	12	
12	11	13	13	11	11	11	12	10	9	8	8	5	5	5	8	8	8	9	10	10	11	12	12	10		
13	12	11	10	14	11	11	13	15	14	12	12	11	9	17	19	16	12	12	16	16	14	12	12	13		
14	11	13	17	13	14	15	14	13	12	10	11	10	11	10	10	10	10	11	11	12	14	13	14	16	12	
15	16	17	15	15	24	17	14	11	10	10	9	9	8	11	12	9	8	9	10	10	14	16	14	12		
16	18	19	13	17	17	17	12	11	13	15	14	***	12	11	12	14	16	16	19	23	26	29	28	17		
17	26	17	16	17	17	19	28	24	21	17	14	12	13	13	14	18	18	17	18	20	24	24	29	26	19	
18	21	19	14	15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
19																										
20																										
21																										
22																										
23																										
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	12	14	15	16	16	17	18	18	16	15	***
25	15	14	13	13	14	16	22	23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
26																										
27																										
28																										
29																										
30	***	***	***	***	***	***	***	***	***	***	***	***	***	8	8	10	12	13	14	14	15	16	16	21	15	***
31	13	14	14	14	15	18	23	28	24	20	21	21	18	18	18	16	16	17	19	17	15	14	14	13	18	
MEAN	17	16	15	16	16	17	17	17	15	13	12	11	11	12	12	13	14	15	15	16	17	17	18	17	15	

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	9	9	9	10	14	21	20	17	17	14	14	13	13	16	16	14	15	14	15	14	16	16	14
2	15	14	13	10	11	12	13	18	15	16	12	11	10	12	11	11	12	10	7	8	11	10	11	10	12
3	12	10	10	12	10	12	13	12	11	10	10	9	10	6	5	7	12	11	12	9	8	8	8	11	10
4	9	10	10	10	9	9	10	10	10	9	8	9	7	7	7	8	9	9	9	11	15	16	23	25	11
5	20	16	15	14	16	17	16	12	12	14	14	14	12	12	11	12	13	14	13	15	16	15	15	15	14
6	12	15	15	14	13	12	12	13	13	12	12	14	13	14	15	15	18	18	20	25	21	24	26	25	16
7	23	23	21	17	17	18	20	23	24	20	17	18	13	17	19	21	21	19	20	20	18	18	21	25	20
8	22	19	19	19	20	23	26	26	26	26	26	24	20	19	24	26	23	26	30	30	34	30	30	29	25
9	31	26	23	23	23	27	29	28	26	25	24	24	***	4	6	11	12	13	21	23	14	11	11	11	19
10	9	10	10	8	6	7	16	17	14	13	12	11	9	9	10	17	15	10	9	11	12	16	22	21	12
11	18	16	25	14	14	15	16	15	12	12	9	9	7	8	9	9	10	13	15	12	12	12	13	14	13
12	15	15	14	12	12	14	15	11	11	11	11	12	10	10	9	9	10	12	13	14	17	19	19	17	16
13	14	14	13	13	14	16	17	15	12	12	13	13	***	12	10	14	14	14	17	18	17	18	15	13	14
14	14	14	16	16	22	33	39	32	25	16	11	11	11	11	14	16	15	18	21	23	19	11	11	12	18
15	12	13	10	10	10	12	14	14	11	10	10	10	10	11	14	14	16	20	23	25	18	15	16	17	14
16	17	15	15	15	16	17	23	24	18	16	15	14	14	15	17	23	13	11	16	23	21	19	24	23	18
17	19	14	15	16	15	15	17	18	15	13	12	12	11	13	***	19	19	17	14	14	19	13	11	8	15
18	10	9	8	7	7	8	10	9	10	10	9	9	8	8	11	10	10	12	12	14	14	13	14	16	10
19	12	12	10	7	8	8	7	7	7	7	7	7	7	7	6	9	9	12	13	17	17	15	16	18	10
20	16	19	19	16	20	23	21	16	14	13	11	12	11	10	10	10	12	11	11	12	13	11	12	11	14
21	11	12	12	10	9	10	12	11	9	7	8	***	***	11	8	9	8	8	6	8	9	9	10	10	9
22	11	11	11	10	13	17	10	10	8	10	11	11	10	7	7	8	8	7	10	11	11	10	10	12	10
23	15	18	19	21	32	26	23	23	17	18	18	12	13	10	***	12	11	10	12	12	14	15	15	13	16
24	12	10	11	13	13	17	20	16	16	14	13	14	13	15	14	15	14	13	16	18	21	21	20	20	15
25	28	22	19	18	16	19	19	17	14	15	18	15	16	13	14	14	15	15	17	18	19	18	18	16	17
26	18	20	17	18	17	17	16	16	14	16	16	17	14	14	13	15	17	12	15	16	17	20	21	18	16
27	19	17	17	17	15	17	26	34	23	18	17	15	14	13	***	19	16	15	16	19	20	22	19	18	19
28	14	10	9	8	8	10	10	10	9	9	7	8	10	13	13	15	13	15	16	14	13	13	14	17	12
29	17	16	15	12	12	14	13	12	9	7	8	8	7	***	***	6	8	11	13	15	17	13	12	14	12
30	12	10	11	11	12	12	15	22	16	8	9	8	12	9	10	12	12	14	14	20	24	24	20	21	14
31	16	17	13	13	11	15	21	19	18	17	17	***	15	17	21	22	85	***	89	132	85	69	63	66	38
MEAN	16	15	14	13	14	16	17	17	15	14	13	13	11	11	12	14	16	14	17	20	19	17	18	18	15

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	31	32	31	35	37	31	28	26	25	23	21	20	20	21	17	22	24	24	26	17	16	17	16	25
2	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
3																									
4																									
5																									
6																									
7	22	25	24	24	24	25	27	29	21	17	16	16	16	18	16	16	16	17	21	24	27	29	27	22	22
8	22	22	19	22	23	29	28	23	21	22	21	21	19	18	17	17	21	22	22	21	22	22	22	26	22
9	23	24	26	26	26	27	26	25	21	20	22	22	21	19	19	18	21	22	23	24	23	21	24	27	23
10	25	25	30	32	35	45	61	40	33	34	34	32	27	23	25	24	19	20	23	24	23	22	18	17	29
11	15	16	14	16	15	17	21	15	12	12	12	10	10	8	8	8	10	13	16	18	17	12	15	16	14
12	15	16	16	19	17	18	23	24	20	18	16	10	10	14	14	13	12	13	18	17	21	25	27	26	18
13	22	28	27	29	33	46	41	35	29	20	14	13	11	14	14	26	25	22	23	20	20	21	17	17	24
14	18	16	16	14	14	18	24	22	18	16	18	18	17	14	15	17	19	16	17	18	19	24	26	15	18
15	14	15	15	13	13	18	18	16	13	17	16	13	12	10	11	14	16	10	13	12	11	11	11	11	13
16	11	12	13	12	9	9	9	11	9	9	10	10	9	9	9	9	9	9	11	12	14	17	17	17	11
17	16	15	15	16	16	18	26	30	20	15	13	15	14	14	15	19	19	17	14	11	11	11	11	10	16
18	9	8	7	6	6	7	7	10	8	7	7	7	8	7	8	8	9	11	13	15	20	25	30	30	11
19	16	14	16	20	19	23	36	27	21	19	16	15	9	8	7	10	11	10	10	10	10	10	10	9	15
20	9	11	10	10	10	8	8	9	6	7	6	6	7	6	6	7	7	7	9	12	10	12	16	20	9
21	18	22	21	18	20	21	38	41	17	19	19	17	18	15	15	16	15	14	21	24	21	16	11	10	19
22	10	12	10	10	10	10	16	19	15	16	17	17	17	11	8	7	5	6	8	9	10	8	10	11	11
23	14	19	19	14	11	11	11	10	10	12	12	9	8	8	8	6	7	7	8	9	12	10	7	10	10
24	6	6	7	7	8	10	11	15	14	13	12	11	10	12	15	15	14	17	15	16	15	13	12	12	12
25	9	9	11	10	14	22	21	16	14	15	13	12	12	12	14	14	14	15	14	17	20	17	16	20	15
26	19	16	16	17	23	26	28	24	16	16	14	14	15	13	17	22	20	22	23	29	31	25	19	15	20
27	12	13	14	14	17	24	22	18	14	14	12	10	10	12	12	13	12	10	10	9	9	9	9	9	13
28	10	10	11	12	14	15	17	15	15	17	15	13	10	10	10	21	21	24	23	23	24	26	27	23	18
29	21	19	18	14	11	12	13	15	12	10	8	7	8	8	8	8	8	8	11	12	14	12	17	26	13
30	34	18	20	20	24	21	19	16	15	9	5	7	6	8	8	9	9	13	19	20	26	22	17	17	16
MEAN	17	17	17	17	18	21	23	21	17	16	15	14	13	13	13	14	15	15	16	17	18	18	18	17	17

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	15	14	13	13	19	30	26	16	12	12	12	12	13	13	16	19	16	15	17	17	15	12	12	16
2	12	12	10	10	10	15	19	21	18	15	18	16	18	21	21	23	20	16	19	17	13	15	15	15	16
3	21	13	12	13	15	15	20	18	13	12	13	11	13	13	17	13	11	11	13	15	12	10	16	13	14
4	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5																									
6	21	20	20	20	21	33	36	23	22	23	27	23	21	21	21	21	22	23	26	26	27	25	26	25	24
7	26	24	21	21	20	21	21	20	20	19	18	18	19	19	18	18	17	18	18	18	21	20	19	18	20
8	17	17	16	16	17	17	18	19	19	19	19	20	19	18	18	18	19	20	22	22	22	22	22	20	19
9	18	18	17	17	17	20	25	26	23	20	20	20	18	19	20	24	26	28	35	38	44	49	39	34	26
10	28	28	26	28	30	40	53	46	34	26	30	22	20	20	20	22	25	27	26	24	22	20	19	17	27
11	16	16	15	15	17	21	22	28	24	23	21	20	19	17	17	21	22	22	22	21	21	19	31	27	21
12	22	21	18	17	21	23	27	29	28	22	20	19	18	18	17	25	28	29	25	24	24	22	22	23	23
13	23	21	17	15	15	14	18	18	19	20	17	17	15	13	13	12	11	10	11	9	7	7	7	8	14
14	6	7	7	6	8	9	9	9	9	8	8	7	6	6	6	6	7	10	11	9	9	9	9	8	13
15	7	7	7	10	7	9	15	19	19	16	14	14	12	10	25	11	12	13	14	16	17	16	15	14	13
16	12	12	12	12	12	12	12	14	15	14	13	12	11	12	12	12	12	12	14	14	13	13	13	14	13
17	12	12	12	12	11	16	23	19	17	13	12	11	11	11	13	12	13	16	15	14	16	18	15	15	14
18	16	19	17	17	14	13	18	15	13	13	11	11	12	10	10	27	20	18	19	19	20	20	21	22	17
19	21	23	21	22	21	23	32	37	37	34	27	22	21	23	24	28	34	31	28	25	22	21	19	20	26
20	21	21	20	20	21	19	17	17	17	17	17	16	16	16	16	17	17	18	18	18	17	17	17	17	18
21	18	22	21	23	26	24	23	24	25	23	21	20	19	18	18	18	20	23	28	28	29	30	36	41	24
22	43	43	45	46	46	47	55	66	70	56	42	32	26	23	23	30	30	32	37	32	36	54	55	54	43
23	54	48	46	49	43	48	53	67	75	61	47	40	32	27	28	32	31	30	30	34	43	53	48	37	44
24	30	27	32	29	31	40	56	70	56	52	43	33	29	26	26	29	35	40	34	31	32	31	29	27	36
25	24	24	24	25	27	31	46	47	52	47	32	23	23	21	20	22	25	28	25	21	20	17	19	21	28
26	20	17	16	15	17	19	25	29	24	19	17	17	15	14	14	15	16	15	15	16	17	16	15	17	17
27	14	14	14	13	14	14	15	15	16	16	17	17	16	17	17	21	19	21	20	20	21	21	19	17	17
28	20	19	18	17	17	17	18	18	18	19	19	20	21	20	20	19	18	18	19	18	17	16	17	16	18
29	15	15	14	14	14	13	15	20	22	19	18	17	16	17	17	18	20	19	18	18	17	16	15	14	17
30	13	12	12	12	11	11	12	15	16	15	14	14	15	15	20	20	20	20	22	22	31	30	25	17	17
31	22	20	19	18	20	22	24	32	27	23	22	27	26	25	25	25	29	29	23	21	20	17	16	16	23
MEAN	20	19	18	18	19	22	26	28	26	23	21	19	18	18	19	20	21	21	21	21	21	22	22	21	21

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION															
		STATION - D.O.H. BATHURST & WILSON										NO 34007 MONTH NOV 73															
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		15	14	15	15	14	14	15	16	15	15	14	13	14	14	15	14	15	15	15	17	17	18	18	18	15	
2		19	17	16	16	16	17	20	23	25	***	20	30	25	23	20	19	19	19	17	15	15	15	15	15	19	
3		15	17	17	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	14	14	14	16	
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6		13	13	12	14	14	14	14	17	17	17	***	***	***	***	20	17	16	16	16	16	15	15	15	15	15	
7		15	15	15	15	15	15	17	19	21	18	20	18	18	18	18	17	18	21	22	25	26	28	26	24	19	
8		22	18	18	17	17	16	18	21	21	19	18	16	16	16	15	15	15	16	16	16	16	16	16	16	17	
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11		18	18	19	19	19	19	19	19	18	19	19	19	19	19	19	19	19	20	20	20	20	19	19	18	19	
12		18	18	18	17	17	17	19	26	27	25	23	22	21	21	19	21	23	23	21	19	18	17	17	17	20	
13		17	16	16	16	16	16	14	15	19	16	16	16	10	12	10	10	12	12	12	13	16	14	9	7	14	
14		8	8	7	7	8	10	10	11	12	12	12	12	11	10	10	12	14	18	24	27	25	37	42	39	16	
15		27	32	30	24	19	16	16	24	26	26	25	24	23	23	***	9	10	11	7	6	4	3	3	2	17	
16		2	2	2	2	2	2	3	5	6	6	7	6	6	8	8	7	8	9	8	7	7	9	9	8	6	
17		9	9	9	9	9	9	10	11	12	13	11	11	11	10	10	10	10	10	10	11	11	11	11	11	10	
18		12	13	13	12	12	13	13	13	13	12	12	14	14	15	15	15	15	16	16	16	15	15	15	13	14	
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20		47	46	46	33	27	22	23	32	30	26	23	21	19	18	17	19	22	22	17	16	15	15	15	14	24	
21		16	14	14	14	14	14	17	25	27	23	22	***	22	23	25	25	30	33	25	22	20	19	18	20	21	
22		17	16	16	17	17	18	20	22	22	22	20	19	18	18	18	23	29	37	45	41	35	29	37	28	24	
23		28	24	28	27	25	23	24	35	37	31	24	22	19	18	19	22	24	27	28	26	26	33	28	34	26	
24		47	30	25	23	23	24	25	26	26	23	22	21	20	20	21	20	21	24	31	29	24	20	16	16	24	
25		16	17	17	16	16	14	13	13	14	15	16	16	17	17	17	16	17	18	18	20	25	25	25	18	18	
26		22	21	20	19	19	19	22	29	33	26	21	24	24	22	23	22	24	25	22	20	18	17	16	16	22	
27		15	15	15	15	15	15	19	27	29	26	24	25	27	29	34	36	47	48	48	49	52	54	44	44	31	
28		41	38	31	25	19	18	18	20	28	22	20	18	16	17	17	17	16	16	16	16	15	15	15	15	20	
29		14	15	14	14	14	15	17	18	18	18	17	17	16	16	16	15	17	17	17	17	17	17	17	17	16	
30		18	17	16	16	16	16	17	20	20	19	18	17	18	16	14	14	15	17	17	17	16	17	16	16	17	
MEAN		19	18	17	16	16	15	16	20	21	19	18	18	17	17	17	17	18	19	20	20	19	19	19	19	18	
PERCENTAGE OF DATA VALID -		99																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION														
		STATION - D O H BATHURST & WILSON										NO 34007 MONTH DEC 73														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		16	17	19	20	20	21	23	24	24	23	22	21	21	20	20	20	21	22	23	24	30	37	36	34	23
2		32	30	26	25	22	21	21	23	21	20	19	18	18	18	18	20	23	24	23	24	27	27	32	31	23
3		30	30	28	26	26	27	30	37	36	27	23	20	18	17	19	20	24	24	21	19	18	17	17	17	24
4		18	18	18	19	19	19	22	25	23	20	20	19	22	23	26	27	29	25	21	19	17	17	16	15	21
5		15	15	15	14	15	16	21	29	34	33	28	25	26	21	19	18	18	21	21	18	18	18	19	19	21
6		19	19	19	18	18	18	20	22	23	23	22	23	23	23	24	22	25	25	24	23	21	20	19	19	21
7		19	19	19	20	20	20	21	24	24	24	24	24	24	14	14	15	17	17	17	16	18	20	25	19	20
8		13	13	12	12	13	13	14	15	15	16	16	16	16	15	15	14	14	13	13	11	11	13	16	17	14
9		16	15	12	10	8	8	9	8	8	11	11	11	11	10	10	10	10	9	10	10	13	15	13	11	11
10		11	11	12	13	15	19	21	19	18	17	13	13	13	13	16	16	14	14	13	13	14	12	11	11	14
11		12	12	11	12	13	14	11	11	11	10	9	10	10	10	12	14	13	12	15	12	13	14	12	12	12
12		12	12	13	12	12	16	17	***	***	***	***	***	***	***	***	26	31	27	25	25	26	23	22	23	20
13		25	26	27	26	26	28	29	34	37	31	25	24	21	21	22	***	28	27	24	19	16	14	14	13	24
14		14	12	12	12	12	14	16	18	18	18	19	18	16	16	16	18	19	22	20	19	20	20	18	19	17
15		19	18	18	17	17	18	18	17	17	16	16	16	15	16	16	17	19	24	22	21	22	22	22	22	19
16		23	23	21	21	21	21	22	22	21	20	18	18	17	17	17	17	19	20	22	22	22	21	19	19	20
17		19	19	18	18	19	18	16	16	15	14	14	13	12	13	12	12	13	14	12	12	12	12	11	11	14
18		13	14	15	15	15	17	18	20	20	18	17	18	18	17	15	17	18	22	22	21	21	23	25	24	18
19		28	28	26	22	19	18	20	24	29	24	***	23	21	19	20	22	22	20	18	17	16	16	15	14	21
20		15	14	13	13	16	16	17	21	22	22	20	19	20	17	17	19	20	20	20	17	14	13	14	14	17
21		16	16	16	15	16	15	14	15	16	14	14	12	13	13	12	12	14	15	15	16	16	16	17	17	15
22		15	17	15	15	14	14	14	16	16	22	23	21	19	17	18	19	20	18	16	15	15	14	14	12	17
23		12	13	14	14	13	13	13	13	14	15	14	12	12	12	12	13	14	16	18	17	14	17	16	17	14
24		17	18	20	22	20	20	22	24	23	22	21	22	***	18	16	14	14	13	14	15	15	13	12	12	18
25		12	12	12	12	12	12	12	12	12	14	12	12	13	15	17	18	17	17	16	14	12	12	12	13	13
26		12	10	11	9	8	9	13	15	19	18	16	14	15	14	18	21	21	21	17	15	13	11	10	10	14
27		11	10	10	11	12	13	17	19	20	17	17	18	19	19	19	19	21	23	21	20	19	16	16	14	17
28		13	13	14	13	13	13	14	15	17	16	16	15	14	15	15	***	28	22	21	22	19	17	16	16	16
29		16	17	16	15	16	17	17	16	15	16	16	18	17	16	16	18	21	22	20	16	13	12	12	13	16
30		13	12	13	13	14	15	15	15	16	17	18	17	16	16	16	15	16	17	17	17	17	16	16	16	16
31		16	16	17	17	18	17	18	18	18	19	18	17	19	16	***	26	24	26	26	26	23	19	19	19	20
MEAN		17	17	16	16	16	17	18	20	20	19	18	18	17	16	17	18	20	20	19	18	18	17	17	17	18
PERCENTAGE OF DATA VALID -		98																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - D O H. BATHURST & WILSON

NO 34007

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	17	30	51
FEB	28	17	26	46
MAR	31	14	28	45
APR	30	15	22	34
MAY	31	13	25	39
JUN	26	9	15	34
JUL	22	15	23	41
AUG	31	15	38	132
SEP	27	17	29	61
OCT	31	21	44	75
NOV	30	18	31	54
DEC	31	18	24	37
YEAR	346	16	44	132

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	13	445	166	8	0	0	0	0	632
FEB	27	477	146	21	0	0	0	0	671
MAR	164	450	108	12	0	0	0	0	734
APR	111	518	87	3	0	0	0	0	719
MAY	311	305	118	5	0	0	0	0	739
JUN	356	199	16	2	0	0	0	0	573
JUL	92	267	102	2	0	0	0	0	463
AUG	171	445	103	7	6	1	0	0	733
SEP	137	284	164	23	1	0	0	0	609
OCT	45	331	247	78	6	0	0	0	707
NOV	59	453	161	40	0	0	0	0	713
DEC	27	478	212	14	0	0	0	0	731
YEAR	1513	4652	1630	215	13	1	0	0	8024

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	0	8.0	11.8	14.6	17.5	23.4	26.9	33.0	40.0	132	15.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - ELMCREST ROAD, ETOBICOKE												NO 35003 MONTH JAN 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	21	21	21	22	21
2	22	22	22	22	22	22	22	22	22	22	22	22	20	19	18	19	19	19	20	20	20	20	20	20	21
3	20	20	20	20	35	41	31	33	25	21	21	20	20	20	20	21	22	22	21	21	21	21	21	21	23
4	20	20	20	21	20	19	18	18	18	18	18	19	20	19	19	19	18	17	18	18	18	18	18	19	19
5	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
8	47	57	23	22	22	20	20	20	21	19	18	19	18	17	17	17	17	17	16	17	17	17	16	16	21
9	17	17	17	17	18	18	18	18	19	19	18	17	18	17	17	17	17	18	18	18	18	18	18	18	18
10																									
11	19	18	18	18	18	18	18	19	19	19	18	18	18	17	17	17	17	17	17	18	18	18	18	18	18
12	18	17	17	17	18	18	18	19	19	18	18	18	18	17	16	17	17	17	16	17	18	18	17	18	18
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14	17	16	16	16	17	17	17	17	17	17	16	16	17	16	16	17	17	17	17	18	18	17	17	18	17
15	18	17	17	17	18	18	18	20	19	18	18	18	18	17	17	17	18	18	17	17	17	17	16	17	18
16	19	19	19	20	19	18	18	19	20	19	19	19	19	18	17	17	17	17	17	17	17	17	17	17	18
17	18	17	17	17	18	16	16	18	18	18	18	18	20	20	20	20	20	20	24	26	25	25	22	20	20
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20	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
21													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
22													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
23													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
24	18	18	19	19	18	18	18	19	19	18	18	18	18	18	18	18	18	18	18	18	18	17	17	18	18
25	21	19	19	20	22	23	29	34	31	28	26	25	25	25	25	27	28	24	22	23	24	24	26	24	25
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29	18	18	18	18	18	18	19	19	20	20	18	18	18	18	18	18	18	18	17	18	18	18	18	18	18
30																									
31	18	18	18	19	19	19	20	22	22	22	21	21	22	21	21	21	21	22	22	22	22	21	20	20	21
MEAN	21	21	20	20	21	21	20	21	21	20	19	19	19	20	19	19	19	19	19	19	20	21	21	20	20
PERCENTAGE OF DATA VALID -												76													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - ELMCREST ROAD, ETOBICOKE												NO 35003													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	20	20	20	24	27	27	23	20	20	20	22	22	22	21	20	20	20	20	20	20	21
2	20	19	18	19	19	19	19	23	24	28	29	30	37	75	71	44	52	40	26	18	17	17	17	17	30
3	17	16	16	16	16	16	16	16	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16
4	16	16	15	16	16	16	16	16	17	18	18	18	17	18	18	17	17	17	17	17	17	16	16	16	17
5	16	16	17	17	16	16	17	18	19	18	18	18	18	18	18	20	21	20	19	18	18	18	18	18	18
6	19	19	19	19	19	19	19	19	20	19	19	20	20	21	20	20	20	21	21	24	22	21	20	20	20
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9	17	22	29	21	21	22	25	26	29	28	24	20	19	19	15	14	15	15	15	16	14	15	16	20	
10	15	16	16	15	17	18	18	19	19	18	18	19	17	19	16	17	17	18	19	19	23	27	23	20	18
11	27	23	22	22	18	18	18	18	18	17	18	18	18	18	18	18	17	17	18	19	19	20	20	19	19
12	17	17	17	17	17	18	19	21	23	22	20	21	18	18	18	19	20	20	22	24	42	42	27	28	22
13	23	22	24	24	25	24	26	29	34	28	24	23	19	19	20	20	21	29	29	28	28	35	39	26	26
14	31	23	26	35	29	31	39	41	32	30	26	21	19	19	19	18	19	19	18	17	18	18	20	21	25
15	16	21	16	16	16	16	20	17	18	19	17	19	19	21	21	20	19	19	19	19	20	20	20	19	19
16	20	23	22	22	22	24	24	24	24	24	24	26	23	18	17	17	17	18	19	19	21	22	22	21	21
17	19	18	19	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
18																									
19																									
20	18	18	19	20	20	21	26	26	23	24	25	24	19	19	19	19	17	19	21	21	20	23	24	25	****
21	20	19	18	18	18	19	26	26	23	24	25	24	17	17	17	17	16	17	17	18	17	18	19	19	23
22	22	39	42	29	25	24	23	26	34	25	22	20	17	17	17	17	16	17	18	17	18	19	19	19	23
23	30	20	20	21	21	20	21	21	21	21	22	22	17	17	18	18	20	19	19	19	21	24	29	21	23
24	21	24	25	24	25	37	31	29	24	24	22	22	19	20	21	21	21	20	19	19	20	21	21	21	23
25	19	24	28	23	24	26	25	30	24	24	24	22	21	23	75	19	22	22	22	24	31	38	34	25	25
26	20	19	19	19	19	20	20	23	22	22	22	20	17	18	18	18	18	19	19	23	48	36	34	25	25
27	25	25	26	26	27	30	29	27	25	23	21	19	18	19	20	22	20	19	23	24	22	26	24	24	24
28																									
MEAN	21	21	22	21	21	22	22	23	23	22	21	21	19	19	21	21	20	21	21	20	22	22	22	23	21
PERCENTAGE OF DATA VALID -					86																				

UNITS - PARTS PER TEN MILLION

MONTH MAY 73

MONTH MAY 73

PERCENTAGE OF DATA VALID - 77

UNITS - PARTS PER TEN MILLION

UNITS - PARTS PER TEN MILLION

MONTH JUN 73

MONTH JUN 73

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION																
STATION - ELMCREST ROAD, ETOBICOKE										NO 35003					MONTH JUL 73											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	24	24	25	27	28	27	26	26	25	24	22	21	21	21	21	20	20	20	20	22	24	25	27	23		
2	31	32	33	35	35	37	34	29	27	25	24	22	22	22	21	21	21	21	21	25	26	25	25	26	27	
3	26	29	29	30	30	30	31	29	27	25	24	22	23	19	19	19	19	21	22	22	25	24	26	26	25	
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6	26	27	26	27	28	29	27	26	26	22	26	22	18	18	16	16	16	15	15	15	16	17	19	21	21	
7	24	26																								
8																										
9																										
10																										
11																										
12																										
13	19	20	20	20	18	18	18	18	18	19	17	16	16	17	17	16	15	15	15	15	15	15	15	15	17	
14	16	16	16	17	17	17	18	18	17	16	16	16	16	16	16	16	16	16	16	16	16	17	24	21	17	
15	29	27	31	23	24	28	26	23	20	18	17	17	17	17	16	16									22	
16																										
17	25	23	23	23	22	24	27	27	23	17	16	15	15	15	15	15	15	15	17	20	23	27	32	20		
18	26	24	24	25	25	28	37	30	21	18	17	17	17	16	16	16	16	16	17	22	22	21	24	25	22	
19	31	27	26	26	27	29	31	23	19	20	18	17	17	16	16	17	17	16	16	16	16	16	16	16	20	
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23	26	24	26	26	26	28	26	24	20	18	17	17	17	17	17	17	17	17	18	20	30	26	31	30	22	
24	31	28	29	31	32	27	31	27	20	20	22	22	19	17	17	17	17	18	18	18	18	18	18	22		
25	19	19	19	19	20	21	23	23	20		25	23	22	23	22	23	25	24	24	24	26	27	38	34	24	
26	29	28	30	26	30	25	25	25	27	26	25	23	24	26	22	23	21	20	20	20	20	20	20	19	24	
27	18	18	18	18	18	19	19	19	19	19	18	18	18	19	19	19	19	19	19	19	19	19	20	20	19	
28	20	20	22	21	21	22	22	22	22	21	20	22	23	23	22	21	20	20	21	22	20	20	19	20	21	
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31	25	27	30	28	29	33	34	29	25	22	20	21	21	21	21	21	20	21	22	22	26	26	25	24	25	
MEAN	24	24	25	26	26	27	27	26	22	21	20	19	19	19	19	19	19	19	19	20	21	22	24	24	22	
PERCENTAGE OF DATA VALID -										79																

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION															
STATION - ELMCREST ROAD, ETOBICOKE										NO 35003					MONTH AUG 73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	22	24	22	28	26	26	27	26	22	21	21	18	22	20	19	19	21	22	22	23	24	26	26	23
2	25	26	21	26	20	23	26	26	23	21	19	19	16	17	16	14	14	14	14	14	15	18	18	17	19
3	23	20	18	18	18	19	19	16	16	16	16	15	15	14	14	14	14	14	16	16	16	23	19	17	17
4	17	17	17	17	17	17	17	16	16	15	14	14	14	14	14	14	14	14	14	14	15	17	19	19	16
5	19	19	19	20	20	24	12	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6													DATA MISSING	DATA MISSING	DATA MISSING										
7													DATA MISSING	DATA MISSING	DATA MISSING										
8													DATA MISSING	DATA MISSING	DATA MISSING										
9													DATA MISSING	DATA MISSING	DATA MISSING										
10													DATA MISSING	DATA MISSING	DATA MISSING										
11													DATA MISSING	DATA MISSING	DATA MISSING										
12													DATA MISSING	DATA MISSING	DATA MISSING										
13													DATA MISSING	DATA MISSING	DATA MISSING										
14													DATA MISSING	DATA MISSING	DATA MISSING										
15													DATA MISSING	DATA MISSING	DATA MISSING										
16													DATA MISSING	DATA MISSING	DATA MISSING										
17													DATA MISSING	DATA MISSING	DATA MISSING										
18													DATA MISSING	DATA MISSING	DATA MISSING										
19													DATA MISSING	DATA MISSING	DATA MISSING										
20													DATA MISSING	DATA MISSING	DATA MISSING										
21	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	15	12	10	12	13	14	13	13	17	20	18	17	DATA MISSING
22	22	23	26	20	20	25	25	19	15	13	12	11	10	7	6	7	6	12	15	23	27	34	35	30	18
23	27	22	21	25	27	31	29	23	19	16	13	12	11	10	9	9	9	9	9	10	12	13	14	15	16
24	15	19	25	26	19	21	22	20	19	16	11	9	7	7	6	6	6	6	8	11	13	17	21	23	15
25	29	26	25	28	28	25	35	30	19	13	10	7	6	6	6	5	5	6	8	9	11	11	10	14	16
26	14	11	11	11	13	13	11	11	10	9	6	4	2	1	0	0	0	0	0	1	1	3	5	12	6
27	10	10	9	9	9	9	10	11	11	9	9	DATA MISSING	19	18	16	16	16	15	15	16	16	18	18	19	13
28	20	18	18	18	18	17	16	16	15	14	12	18	17	16	15	15	15	15	15	17	17	19	20	19	17
29	18	19	19	20	20	21	22	22	18	17	16	16	15	15	15	15	15	15	15	15	16	17	17	17	17
30	17	17	17	18	19	19	20	20	17	16	15	15	15	15	15	15	15	15	15	20	21	18	DATA MISSING	DATA MISSING	DATA MISSING
31	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	17	15	15	15	15	13	13	13	14	15	16	17	DATA MISSING
MEAN	20	19	19	20	20	21	21	20	17	15	13	14	13	13	12	12	12	12	13	14	15	18	18	19	16
PERCENTAGE OF DATA VALID -										45															

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION																	
STATION - ELMCREST ROAD, ETOBICOKE											NO 35003																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	18	19	19	21	23	23	23	22	22	20	21	19	19	18	16	18	18	21	23	24	29	30	29	22	22			
2	20	20	20	20	27	22	20	19	18	16	15	15	15	15	15	15	16	16	25	23	19	19	19	19	19			
3	19	28	20	20	20	21	25	22	21	16	15	16	16	15	15	15	15	19	26	21	30	34	30	23	21			
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9	25	27	21	19	19	20	20	19	19	18	17	16	17	16	16	15	17	19	18	19	21	26	24	26	20			
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12	20	25	21	22	23	29	23	21	20	19	18	16	16	17	16	15	15	17	18	18	18	21	21	24	20			
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17	45	27	28	36	33	33	36	26	21	18	18	18	19	19	19	19	19	19	19	19	19	19	22	25	24			
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20	17	17	17	18	20	22	20	22	21	20	20	19	19	19	19	19	20	20	20	20	24	23	26	34	21			
21	26	27	31	37	35	41	40	31	25	23	23	23	22	21	20	20	20	21	23	22	21	21	21	21	26			
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23	21	21	21	21	21	21	24	22	21	21	20	20	22	21	20	21	21	23	26	24	24	22	23	28	22			
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30	40	25	21	23	27	25	28	24	21	18	17	17	17	16	16	17	17	19	25	27	28	36	34	26	24			
MEAN	24	23	22	22	23	24	25	23	21	19	18	18	18	18	17	17	18	19	20	20	21	23	23	23	21			
PERCENTAGE OF DATA VALID -					99																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - ELMCREST ROAD, ETOBICOKE												NO 35003													
MONTH OCT 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	31	27	27	34	41	42	28	21	20	21	20	18	18	18	18	19	21	22	24	22	22	21	24	
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12	34	39	37	31	34	28	24	25	27	25	23	22	22	22	19	22	22	22	26	28	26	22	23	23	26
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23	29	30	31	31	38	48	34	43	67	58	32	22	21	21	19	16	17	25	23	22	25	23	26	26	30
24	22	21	26	31	33	30	28	33	37	29	22	30	28	26	26	29	28	27	30	33	37	35	38	30	30
25	38	37	31	30	31	36	40	44	51	48	37	29	26	23	22	22	24	28	28	28	28	26	24	22	31
26	20	20	20	19	19	20	22	21	22	22	25	26	19	19	19	19	18	19	20	19	18	18	19	18	20
27	18	23	25	22	20	22	21	19	18	19	18	18	17	17	17	17	18	19	22	20	19	18	18	19	19
28	18	18	18	18	18	18	18	18	19	18	18	19	18	18	18	18	18	19	19	19	19	19	19	18	18
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31	24	22	20	19	19	18	19	23	23	20	19	18	18	16	15	16	17	19	17	16	17	17	17	17	19
MEAN	24	23	24	24	24	24	24	25	26	24	21	20	19	19	19	18	19	20	21	22	22	22	23	24	22
PERCENTAGE OF DATA VALID -												90													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH NOV

73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	17	17	17	17	17	17	17	16	16	17	16	16	16	16	16	16	16	16	16	16
2	16	15	14	13	13																				
3																									
4																									
5																									
6	18	18	18	18	18	19	19	19	19	20	19	18	18	18	17	16	16	16	15	15	15	15	15	15	17
7	15	15	15	15	15	15	15	15	15	15	16	17	16	16	16	16	16	17	17	22	20	18	18	16	
8	18	17	16	15	15	15	16	16	16	16	16	16	16	17	17	17	17	16	16	16	16	16	16	16	
9	15	15	15	15	15	15	15	16	17	17	17	18	18	18	18	19	17	16	17	16	16	17	18	17	
10	16	17	16	15	15	15	15	16																	
11																									
12																									
13																									
14	17	17	17	17	17								17	17	17	17	17	17	16	16	19	21	18	17	
15																									
16	16	16	15	15	16	16	16	17	17	17	18	21	19	19	18	17	17	17	17	17	17	17	17	16	
17	17	17	17	17	17	18	18	18	18	17	17	17	18	18	18	18	18	18	18	18	19	19	20	22	18
18	31	71	78	53	50	38	36	34	30	29	26	24	23	23	23	23	22	22	22	23	23	25	25	24	32
19	24	24	24	23	23	23	23	24	26	27	28	29	27	25	26	27	28	28	27	30	31	32	32	32	27
20	33	39	47	40	37	38	36	37	35	31	28	24	24	24	24	25	23	23	23	23	23	23	23	23	29
21	23	23	22	22	23	23	24	26	26	25	25	25	26		22	22	22	22	23	20	17	17	16	15	22
22	15	15	15	18	18	17	18	16	15	15	15	15	14	14	14	15	21	30	34	28	27	24	21	19	
23	19	18	17	16	16	16	16	18	19	21	17	16	16	15	21	31	29	27	29	22	20	23	20	23	20
24	21	31	25	22	24	22	22	21	20	18	18	19	19	18	18	18	18	18	20	17	15	13	13	13	19
25	14	14	14	14	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	17	17	17	18	18	15
26	20	18	16	16	15	15	15	16	17	17	16	16	16	16	19	18	18	18	17	17	16	17	17	17	17
27	17	17	17	16	16	16	16	17	19	23	22	22	30	25	33	38	33	37	36	49	36	33	34	32	27
28	23																								
29																									
30																									
MEAN	19	22	22	20	20	20	20	20	20	20	19	20	19	19	20	20	20	20	21	20	20	20	19	19	20

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH DEC

73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	17	17	18	19	17	17	17	18	18	19	18	18	19	18	19	19	19	20	22	23	24	21	20	31	32	20
2	25	25	23	20	20	19	19	18	18	19	19	19	19	19	19	19	19	19	20	20	20	20	27	54	22	
3	32	29	31	32	44	28	22	22	20	19	19	22	29	18	18	18	18	17	18	17	17	17	17	17	23	
4	17	17	18	19	20	22	20	26	29	23	22	22	21	22	25	22	21	20	19	19	19	19	19	18	21	
5	19	19	18	18	18	17	18	20	20	22	24	20	17	14	14	15	15	15	15	15	15	15	15	15	17	
6	15	15	16	16	15	15	15	15	15	15	15	15	15	15	16	16	17	17	16	16	16	16	17	17	16	
7	17	18	18	18	18	18	18	18	19	19	18	18	17	17	17	17	18	18	18	19	18	22	21	27	19	
8	22	21	19	17	17	16	16	16	17	17	19	16	16	16	15	15	16	17	18	18	18	18	18	18	17	
9	18	18	18	18	18	17	17	17	17	17	17	17	17	17	28	39	23	24	17	17	16	16	17	16	19	
10	16	17	17	16	17	17	17	18	17	19	19	17	15	15	16	17	16	16	16	16	16	16	16	16	17	
11	16	16	16	16	16	16	17	18	18	18	18	18	18	19	24	24	23	20	18	16	16	16	16	16	18	
12	15	15	15	15	16	19	29	20	18	17	16	16	16	22	17	18	19	18	18	18	19	19	19	20	18	
13	21	24	23	22	22	24	26	27	27	24	22	19	18	18	19	20	21	22	29	22	18	19	20	22		
14	21	21	21	22	22	23	23	25	25	25	25	25	24	22	23	24	24	24	25	26	26	26	26	28	24	
15	29	26	26	29	26	27	26	28	24	24	23	21	20	20	19	21	26	26	24	24	25	26	26	31	25	
16	33	35	34	35	35	32	36	32	29	26	25	23	21	20	19	21	25	30	32	28	30	33	40	33	29	
17	32	34	37	32	38	37	36	37	36	35	38	44	33	31	29	37	29	27	26	26	27	27	27	26	33	
18	27	27	27	28	27	27	28	31	30	28	27	27	26	26	22	23	22	22	33	44	41	37	28	26	29	
19	29	37	28	20	33	23	23	26	30	35	27	21	19	18	17	18	18	18	18	18	17	17	17	17	23	
20	17	17	16	16	15	16	16	16	18	20	30	32	30	34	27	24	24	23	21	20	26	21	22	20	22	
21	17	17	16	16	17	20	19	20	23	25	26	24	23	21	20	18	17	18	18	19	18	18	17	16	19	
22	16	16	15	15	15	19	20	23	18	17	16	16	16	16	16	16	16	17	16	16	16	16	16	16	17	
23	15	15	14	14	14	14	14	14	14	15	15	15	16	16	16	17	17	18	18	19	20	22	22	25	17	
24	25	21	22	23	25	23	29	27	22	21																
25																										
26																										
27																										
28	18	18	18	18	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	19	21	19	18	17	
29	19	19	19	20	20	20	20	18	18	18	18	17	16	16	16	17	17	18	17	15	14	14	15	15	17	
30	16	17	18	18	18	18	20	20	20	20	20	20	19	18	18	18	18	19	19	19	19	19	19	20	19	
31	23	34	23	22	25	29	26	27	27	25		20	22	24	26	32	34	39	34	35	37	40	28	34	29	
MEAN	21	22	21	21	22	21	22	22	22	21	21	21	20	20	20	21	20	21	21	21	21	21	21	22	21	

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	20	25	72
FEB	26	21	30	75
MAR	31	25	34	88
APR	30	21	30	81
MAY	26	21	25	76
JUN	28	22	28	74
JUL	27	22	27	47
AUG	16	16	23	35
SEP	30	21	26	45
OCT	30	22	31	67
NOV	25	20	32	78
DEC	29	21	33	54
YEAR	324	21	34	88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	330	219	17	1	0	0	0	567
FEB	0	280	274	27	2	0	0	0	583
MAR	0	92	576	68	6	0	0	0	742
APR	0	392	285	41	2	0	0	0	720
MAY	11	242	302	20	2	0	0	0	577
JUN	3	238	353	48	1	0	0	0	643
JUL	0	218	339	37	0	0	0	0	594
AUG	56	199	80	4	0	0	0	0	339
SEP	0	342	343	34	0	0	0	0	719
OCT	0	335	265	71	1	0	0	0	672
NOV	0	324	114	33	2	0	0	0	473
DEC	0	376	236	55	0	0	0	0	667
YEAR	70	3368	3386	455	17	0	0	0	7296

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83	0	15.4	17.5	19.3	22.0	27.6	31.7	36.8	41.6	88	21.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE DAMST

NO 35033

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	17	18	18	18	18	19	18	17	17	17	17	17	17	17	17	20	19	18	18	18	18	18	18
2	19	18	18	17	17	18	17	18	19	19	20	19	18	18	17	19	19	19	19	19	19	18	17	17	18
3	19	19	19	18	18	22	23	32	22	22	19	19	20	20	20	20	19	18	17	17	17	17	16	17	20
4	17	15	17	16	17	16	16	16	18	17	16	18	18	19	18	18	17	17	17	17	17	16	15	16	17
5	17	17	17	16	17	16	16	17	18	17	17	17	17	18	18	19	19	19	19	18	18	18	17	18	18
6	17	17	17	15	15	15	15	16	17	16	15	16	17	17	17	16	16	16	16	16	17	17	17	16	16
7	17	17	17	17	17	17	17	17	17	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
8	18	17	17	17	17	18	19	22	25	26	23	21	20	18	18	18	19	19	22	23	22	23	22	22	20
9	24	24	24	21	23	20	22	21	22	20	19	19	19	17	18	19	19	19	17	17	18	17	19	17	20
10	17	17	17	17	17	17	17	19	20	19	18	20	18	19	19	18	20	20	21	18	17	17	18	18	18
11	17	17	18	17	17	17	17	19	19	19	19	19	18	18	17	17	18	18	17	17	17	17	17	18	18
12	18	17	18	17	17	17	18	18	18	18	18	18	18	19	19	21	37	37	35	34	34	35	33	34	24
13	33	34	33	33	33	34	33	33	34	35	35	33	33	32	32	32	31	31	32	32	32	31	30	30	33
14	31	31	30	32	30	30	30	30	30	30	30	30	30	30	31	31	31	31	32	31	32	32	32	32	31
15	33	33	33	33	34	34	37	42	41	38	35	35	33	35	33	34	35	35	33	32	31	32	32	31	34
16	31	31	32	32	31	31	31	31	34	32	33	32	32	32	34	31	33	34	32	32	32	32	32	32	32
17	31	31	30	30	30	30	32	34	34	33	33	37	34	36	37	38	39	38	35	40	39	35	34	34	34
18	33	34	34	35	34	34	35	37	39	38	40	37	37	39	40	41	45	48	45	42	42	39	40	44	39
19	43	38	35	36	36	35	37	35	34	38	36	35	36	35	35	34	33	33	32	31	31	31	31	31	35
20	30	30	29	29	29	28	28	30	28	29	29	29	29	29	30	30	30	30	30	30	30	29	29	28	29
21	28	29	28	28	29	29	30	30	30	30	29	29	30	30	30	30	29	29	29	29	30	30	30	29	29
22	31	31	31	31	31	32	32	33	33	33	22	23	23	23	24	26	29	33	29	28	29	22	20	20	27
23	19	18	18	18	18	18	18	19	24	20	19	19	19	22	20	19	21	19	19	19	18	19	19	19	19
24	18	17	17	17	17	17	17	19	20	19	19	19	19	19	19	19	20	20	21	21	21	20	19	19	19
25	19	19	19	20	19	19	20	22	33	22	20	21	21	22	22	22	25	25	27	25	24	25	29	36	23
26	34	27	28	29	28	25	29	34	44	33	30	26	23	23	24	30	28	23	23	22	24	26	26	26	28
27	26	25	24	24	24	24	26	26	26	24	21	20	20	19	19	20	21	19	19	19	19	19	19	19	22
28	19	19	19	18	17	17	17	17	17	18	18	19	19	19	19	19	18	18	17	17	17	17	17	17	18
29	17	17	17	17	15	15	16	17	18	17	17	18	17	17	17	17	17	18	19	18	18	17	17	17	17
30	17	17	17	18	17	17	18	19	20	20	20	22	20	19	19	20	20	20	21	19	19	19	19	19	19
31	18	18	18	17	17	17	18	21	22	22	21	17	18	18	19	19	18	18	17	17	17	17	17	17	18
MEAN	24	23	23	23	23	22	23	25	26	24	23	23	23	23	23	24	25	25	24	24	24	23	23	24	24

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE DAMST

NO 35033

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	17	17	17	19	23	30	35	25	22	21	22	21	22	23	24	22	21	20	19	19	21	22	22
2	20	19	19	19	19	20	22	25	29	34	30	28	29	33	45	51	47	48	45	68	24	19	20	22	31
3	20	19	18	18	17	17	17	17	17	17	17	18	18	18	18	18	18	17	17	17	17	17	17	17	18
4	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17
5	17	17	17	17	17	17	17	21	20	19	19	20	19	19	19	20	21	20	21	20	18	18	18	18	19
6	18	18	18	18	18	18	19	19	18	19	19	19	19	19	19	20	21	20	21	20	19	20	20	20	19
7	22	23	22	21	21	20	21	24	30	22	20	29	20	21	21	30	25	22	25	24	21	20	19	22	23
8	20	19	18	17	18	18	18	19	18	18	17	17	17	16	17	17	18	17	17	17	17	16	16	17	17
9	18	18	19	17	17	17	19	25	25	20	17	17	18	17	17	18	18	18	18	17	16	17	17	16	18
10	17	16	16	16	16	16	16	16	16	17	17	16	15	15	15	15	15	15	15	15	15	15	15	14	16
11	17	16	16	16	16	15	15	15	14	13	14	14	16	17	17	16	16	16	16	16	17	18	18	17	16
12	18	17	18	17	16	16	16	16	18	23	22	21	18	19	17	17	17	17	18	18	18	22	23	26	19
13	28	29	29	28	26	24	23	25	26	31	37	28	24	22	22	22	24	26	25	22	23	28	35	33	27
14	36	50	43	45	32	30	33	37	41	41	28	23	21	21	20	20	21	21	21	21	17	17	16	15	28
15	18	18	16	16	15	15	14	13	14	16	17	15	15	15	15	14	14	14	14	14	13	14	13	12	15
16	14	13	13	13	13	13	13	13	13	13	13	13	14	13	14	14	13	13	13	13	15	14	13	13	13
17	13	13	13	13	11	11	11	11	10	10	10	10	12	12	12	11	11	11	11	12	11	11	12	12	11
18	13	13	13	13	13	13	13	13	13	13	13	15	14	14	13	13	13	13	13	13	12	12	11	11	13
19	13	13	13	13	13	12	11	10	11	11	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
20	- DATA MISSING -																								
21	14	13	13	12	12	12	11	14	15	13	12	12	13	14	14	14	13	14	14	13	12	13	12	14	13
22	16	14	13	13	13	13	15	19	19	19	17	15	15	13	14	14	14	14	15	15	14	14	13	13	15
23	13	14	14	13	14	13	13	15	15	13	12	12	13	13	13	13	13	13	12	13	13	14	13	13	13
24	14	14	14	13	13	14	14	15	15	14	13	13	13	13	13	13	13	13	13	14	14	15	15	14	14
25	13	13	13	14	14	16	15	20	19	17	16	15	16	15	15	15	15	15	15	14	14	14	14	14	15
26	13	13	13	13	13	14	14	17	17	16	16	15	14	15	14	14	15	14	14	17	22	19	21	21	16
27	23	23	22	22	21	22	21	24	29	22	25	19	19	18	18	17	17	18	17	15	16	16	15	20	20
28	18	18	18	17	17	17	17	19	20	19	18	18	17	17	18	18	18	18	18	19	17	17	17	17	18
MEAN	18	18	18	17	17	17	17	19	20	19	18	18	17	17	18	18	18	18	18	19	17	17	17	17	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

HOUR DAY	STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033										MONTH MAR 73														MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	19	19	19	18	19	16	15	17	17	17	16	16	17	19	33	22	24	28	26	23	24	27	29	38	22
2	42	36	39	44	34	32	34	52	35	25	24	26	24	23	24	28	27	23	22	20	20	19	19	29	29
3	18	18	17	17	17	18	17	18	18	18	19	20	21	20	21	22	23	27	26	22	21	22	31	33	21
4	37	38	35	35	30	29	30	29	26	22	20	17	18	18	18	18	17	17	17	16	17	17	17	23	23
5	17	17	16	15	14	14	14	16	17	16	17	17	16	16	16	16	16	15	15	15	15	15	15	16	16
6	15	15	15	15	17	17	22	23	22	19	20	19	20	21	21	24	26	24	26	25	24	21	20	24	21
7	27	22	18	17	16	17	17	19	18	20	24	22	21	23	21	24	34	26	18	18	18	20	17	18	21
8	18	21	28	19	20	18	26	35	27	21	20	19	20	21	22	22	22	21	20	21	20	24	28	26	22
9	28	28	32	32	28	26	26	30	25	19	17	16	17	17	19	19	18	17	17	17	16	15	15	21	21
10	14	14	14	14	14	14	14	16	17	19	24	21	22	19	22	18	18	19	21	26	20	22	24	21	19
11	30	40	53	32	18	17	16	18	17	16	17	16	19	17	16	16	16	17	18	17	17	17	19	27	21
12	27	21	20	17	17	16	17	32	***	16	15	15	15	16	15	16	15	14	13	13	13	12	12	17	17
13	13	13	12	12	12	12	13	13	13	13	12	15	13	13	13	14	15	15	16	15	13	14	15	15	14
14	15	14	15	15	15	14	14	17	16	17	15	17	15	16	17	16	15	14	14	14	14	14	14	14	15
15	14	14	20	18	16	17	15	18	18	16	19	22	18	19	17	18	16	16	15	14	14	14	15	15	17
16	14	14	14	14	13	14	16	18	17	15	13	13	13	13	12	9	9	9	9	9	9	9	9	9	11
17	12	11	11	11	11	11	11	11	12	11	11	11	9	9	9	9	9	8	8	8	8	8	8	8	8
18	8	8	8	8	8	8	8	8	8	8	8	10	11	9	10	10	11	10	11	11	12	13	13	14	10
19	8	8	8	8	8	9	9	11	10	10	10	10	10	10	11	11	11	11	10	11	11	11	11	11	11
20	12	11	11	10	11	12	10	11	11	10	10	10	10	10	11	11	11	11	10	11	11	11	11	11	11
21	11	11	11	11	11	11	13	14	***	14	13	13	13	13	14	14	15	14	13	13	13	14	12	12	13
22	11	11	11	11	11	11	11	14	16	15	14	12	12	13	13	12	13	12	13	20	23	20	21	17	14
23	17	15	13	12	11	11	11	14	15	13	13	14	13	13	14	15	15	15	15	20	26	24	28	21	16
24	17	17	17	21	19	18	21	21	18	15	14	15	17	16	15	15	15	16	17	17	17	22	24	18	17
25	29	22	22	26	24	18	18	19	15	14	14	14	14	14	14	14	15	14	15	17	17	17	16	17	17
26	17	17	15	13	12	12	13	15	15	15	15	15	16	17	17	17	18	18	17	17	15	15	14	14	15
27	13	13	13	13	12	13	13	15	15	15	15	15	15	15	15	16	17	15	15	15	15	15	15	15	15
28	14	13	13	13	13	13	13	13	13	14	13	14	15	16	18	19	19	19	18	17	19	20	26	21	16
29	17	18	18	19	19	18	17	18	18	16	17	17	16	17	19	20	21	20	19	21	25	24	24	24	19
30	22	22	21	21	18	15	17	21	***	24	20	22	24	25	20	20	20	18	19	19	17	17	24	20	20
31	20	25	25	16	14	14	14	15	15	15	17	18	17	19	18	19	21	19	17	17	16	15	14	14	17
MEAN	19	18	19	18	16	16	16	19	17	16	16	16	16	17	17	17	18	17	17	17	17	18	18	17	17
PERCENTAGE OF DATA VALID - 99																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST									MONTH APR 73																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	14	14	13	13	12	12	12	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	12	12	
2	12	11	11	11	12	13	18	22	20	25	17	22	16	17	14	14	15	13	12	12	11	11	11	12	15	
3	12	12	12	12	13	16	17	18	18	15	22	18	16	15	15	15	16	14	13	13	13	13	14	14	17	
4	17	17	17	16	16	13	13	15	16	15	14	14	14	14	14	14	13	13	13	12	11	11	11	12	14	
5	9	9	9	9	8	8	9	10	***	15	15	15	15	15	15	16	17	16	16	19	19	19	20	17	14	
6	15	15	15	15	15	15	16	18	18	16	17	18	16	16	17	17	17	17	19	20	25	21	18	17	17	
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17	13	13	13	13	13	13	13	13	15	13	13	12	12	12	12	13	15	15	19	23	17	17	19	21	15	
18	22	27	35	36	35	28	31	37	25	21	18	18	17	16	15	14	19	19	15	16	17	17	15	17	22	
19	20	23	26	26	16	17	17	19	***	20	20	19	17	17	19	18	18	18	17	17	17	17	16	15	19	
20	14	15	15	15	14	14	14	14	14	14	14	14	13	13	13	13	13	14	14	14	13	13	13	13	14	
21	13	14	14	14	15	17	16	14	15	14	14	14	15	15	15	15	15	16	15	13	13	13	13	13	14	
22	16	18	17	19	18	19	15	13	13	13	13	13	13	13	13	13	12	12	12	13	13	14	15	14		
23	14	13	14	14	14	13	14	14	14	14	13	13	13	13	13	15	13	13	13	13	14	14	19	15	14	
24	15	14	13	14	12	13	13	14	14	14	14	14	14	13	13	14	15	15	14	15	19	19	18	26	15	
25	17	19	22	22	16	18	16	18	15	13	13	13	14	14	14	15	16	15	16	19	22	26	27	29	18	
26	28	20	17	13	14	16	17	17	14	13	13	14	14	14	14	14	14	15	15	15	15	15	17	17	16	
27	16	14	13	13	13	13	14	15	14	14	14	14	15	***	15	15	17	15	13	13	13	12	12	12	14	
28	12	12	11	10	10	9	9	9	9	9	9	9	10	10	10	11	11	11	12	12	11	11	11	11	10	
29	12	13	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	12	14	15	16	19	20	13	
30	17	20	20	21	17	13	15	17	17	16	15	15	17	16	15	15	15	14	15	14	14	13	13	13	16	
MEAN	15	16	16	16	15	15	16	16	15	15	15	15	14	14	14	14	15	15	15	15	15	15	15	16	15	
PERCENTAGE OF DATA VALID -					98																					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION																	
STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033										MONTH JUL 73																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1																											
2																											
3																											
4																											
5																											
6																											
7	22	26	21	24	24	24	20	18	19	18	19	20	19	19	19	19	19	19	19	22	19	21	23	20	****		
8	23	17	17	17	21	25	26	22	19	17	17	18	19	19	19	19	19	19	19	22	24	20	19	19	20		
9	19	17	17	17	16	16	17	17	16	16	16	16	19	19	20	19	19	18	19	19	20	18	19	19	18		
10	19	18	16	17	18	18	22	25	24	22	20	17	17	18	19	21	19	17	17	15	16	17	16	16	19		
11	17	17	17	16	16	17	18	17	17	16	15	15	15	15	15	15	15	14	14	14	15	15	17	18	16		
12	18	18	18	18	19	17	17	17	16	15	15	15	15	16	16	16	15	15	15	15	15	16	18	16	16		
13	22	18	19	19	17	17	18	19	18	20	22	22	22	21	20	21	18	17	17	16	17	17	16	17	19		
14	17	19	19	17	17	17	16	16	15	15	15	14	15	15	15	15	15	15	23	17	17	17	19	20	17		
15	24	27	27	24	19	19	17	16	14	14	14	14	15	15	15	15	15	14	14	15	15	15	17	17	17		
16	17	16	16	16	16	18	21	21	25	22			17	15	14	16											
17																											
18	32	29	31	37	34	36	32	19	13	11	11	12	13	12	13	13	13	12	12	11	12	13	29	40	****		
19	28	27	28	28	22	22	20	19	18	18	17	16	15	15	15	15	14	14	15	16	13	12	13	15	18		
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22	11	11	11	10	10	11	11	11	11	10	10	9	10	10	10	11	11	11	11	12	15	19	19	20	12		
23	19	15	13	13	13	15	19	17	15	13	13	13	12	13	12	12	12	12	13	13	16	21	23	15			
24	25	22	19	19	19	20	19	13	11	12	12	13	13	13	14	13	12	11	11	10	10	10	10	10	14		
25	9	9	9	9	11	16	17	17	14	13	13	12	11	9	9	21	19	17	17	17	17	19	21	24	15		
26	26	28	24	24	22	19	22	25	23	21	19	17	17	17	17	17	16	19	15	15	14	15	18	16	19		
27	13	13	13	13	13	14	17	15	14	16	16	16	15	15	15	18	18	14	14	13	14	13	13	13	14		
28	13	13	13	14	15	14	15	15	14	13	13	14	15	14	13	13	13	13	13	13	13	13	12	12	13		
29	13	13	13	12	12	12	12	12	12	12	12	12	12	13	13	14	14	14	14	16	18	17	17	17	14		
30	16	19	21	19	19	25	28	28	27	23	21	19	17	17	17	17	17	17	16	16	15	14	17	17	19		
31	17	15	15	15	15	15	18	18	17	18	18	21	23	20	17	17	16	16	16	18	17	17	19	17	17		
MEAN	19	18	17	17	17	18	19	18	17	16	15	15	16	15	15	16	15	15	15	15	15	16	17	18	16		
PERCENTAGE OF DATA VALID -				79																							

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														
STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033											MONTH AUG 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	22	18	17	16	18	19	22	19	21	21	17	16	16	17	15	16	16	15	15	15	15	16	15	16
2	15	15	17	14	16	18	19	22	19	21	21	17	18	16	16	16	16	17	17	15	16	18	17	20	18
3	16	18	18	15	16	17	19	16	15	14	14	13	15	15	15	15	15	15	15	17	16	15	15	15	16
4	16	15	14	14	17	17	16	15	15	15	15	15	15	15	15	15	15	15	18	18	19	19	20	16	
5	24	18	16	19	19	19	17	17	17	17	17	17	16	16	16	16	16	16	16	15	15	16	16	15	17
6	15	15	14	14	15	15	15	15	15	15	16	16	17	17	17	17	17	17	18	17	17	17	23	22	17
7	25	19	16	15	16	17	19	22	19	22	22	20	19	19	19	19	20	19	19	17	17	17	19	18	19
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9	32	19	18	26	22	24	24	20	23	24	23	21	21	21	20	21	20	20	21	19	18	18	17	16	21
10	15	15	18	16	15	17	18	18	19	17	17	17	17	18	18	19	19	18	17	17	17	17	17	17	17
11	18	21	27	22	25	26	24	22	22	18	17	18	17	16	16	16	16	16	16	15	15	15	15	15	19
12	17	18	17	16	16	16	15	15	15	14	14	14	15	15	15	15	15	15	15	16	15	15	15	15	15
13	15	15	14	14	15	15	18	18	17	16	17	17	17	17	17	19	17	16	16	17	20	18	22	18	17
14	18	18	21	26	23	26	29	29	22	19	17	17	17	17	19	18	17	17	17	17	18	17	17	17	20
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16	21	20	19	21	25	24	29	28	22	19	19	19	15	16	15	16	15	15	16	15	15	16	18	32	20
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18	17	17	19	19	18	17	17	16	15	14	13	13	14	14	14	14	14	14	14	14	15	16	17	19	16
19	19	18	17	16	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	16	17	15	15
20	19	18	17	16	16	16	18	18	17	16	16	17	17	17	17	17	17	17	16	15	15	14	13	16	16
21	13	13	13	13	13	13	14	14	14	13	13	22	21	21	20	19	19	19	19	19	19	20	20	20	17
22	20	20	20	21	21	22	22	22	22	21	21	21	21	21	21	21	21	22	22	22	23	26	28	34	22
23	32	34	27	25	26	27	35	36	32	28	28	25	24	23	22	22	22	24	27	26	25	26	26	26	22
24	25	24	24	24	26	34	32	31	31	29	24	23	23	23	24	24	24	24	24	24	25	25	26	26	26
25	28	32	34	34	32	31	31	28	26	25	25	24	24	24	24	24	24	24	24	24	24	25	25	26	27
26	26	26	26	26	25	25	25	25	25	25	25	25	26	26	26	26	26	26	26	26	26	26	26	26	26
27	26	26	26	26	26	26	28	30	30	29	29	26	24	24	24	24	24	24	24	24	24	25	27	29	27
28	32	30	25	21	18	19	21	22	22	21	21	21	22	22	23	24	25	24	24	24	24	23	23	23	23
29	23	22	22	22	21	22	23	24	23	23	24	23	23	23	24	24	24	24	24	24	24	24	23	22	23
30	22	21	21	21	21	21	22	23	24	23	23	23	23	23	23	26	26	26	26	25	26	26	24	24	24
31	23	24	20	19	19	21	22	21	21	19	19	18	19	19	20	21	20	20	20	19	19	28	22	22	21
MEAN	21	21	20	20	20	21	22	22	21	20	19	19	19	19	19	19	19	19	19	19	20	20	20	21	20

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	23	23	24	24	24	26	26	23	23	22	22	21	21	20	19	19	18	18	16	19	22	23	22
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4	27	32	28	26	25	26	33	35	31	28	24	23	33	28	27	26	24	23	24	26	25	26	28	31	27
5	35	32	31	30	30	29	32	32	26	25	25	24	49	84	36	33	32	30	30	31	32	32	31	31	33
6	30	29	29	31	31	31	31	29	27	24	23	22	21	21	21	21	21	20	20	22	22	22	22	22	25
7	22	21	20	20	20	20	22	22	21	20	19	19	19	19	19	19	19	19	19	21	24	25	25	24	21
8	26	23	21	20	20	21	22	21	19	19	18	18	19	18	18	18	18	18	18	18	18	17	18	18	19
9	18	19	19	19	19	19	19	19	19	19	19	18	18	17	16	16	16	17	17	17	16	16	16	18	18
10	21	21	21	21	21	22	26	27	25	21	19	18	17	17	17	19	18	18	18	18	18	18	18	18	20
11	18	19	18	17	17	18	19	19	19	18	18	17	18	18	18	18	18	18	18	18	20	21	20	20	18
12	20	20	20	21	23	25	32	28	24	23	24	22	20	20	20	20	19	19	19	19	20	23	24	26	22
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15	30	28	27	27	27	27	29	28	23	22	23	20	20	20	19	19	19	19	19	19	20	22	23	23	23
16	24	25	25	23	22	22	22	22	20	20	19	19	19	19	18	19	19	21	22	23	24	24	24	21	21
17	25	26	25	25	26	34	39	34	26	22	20	19	23	27	30	31	32	32	31	30	31	32	34	35	29
18	35	35	35	35	34	34	34	34	34	33	28	26	24	22	23	24	25	26	30	33	35	37	41	41	32
19	37	34	33	32	30	31	32	26	25	22	19	18	19	19	18	18	18	18	18	18	21	20	20	20	24
20	21	22	22	22	24	23	22	21	19	17	17	17	15	16	16	16	17	18	20	20	21	25	29	32	21
21	32	29	28	26	26	28	34	32	28	23	19	19	17	17	17	18	18	18	21	22	22	21	19	18	23
22	18	19	21	21	20	19	19	24	24	23	22	24	25	23	23	22	22	22	25	31	32	30	28	27	24
23	44	39	35	31	28	27	25	24	25	26	27	26	23	20	20	20	19	19	21	22	24	25	26	29	26
24	28	28	27	26	26	28	30	32	32	28	30	27	26	22	20	21	22	23	24	24	26	26	24	23	26
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26	43	41	39	39	39	39	42	43	44	43	45	46	50	53	59	64	63	60	60	61	62	60	59	58	51
27	51	40	43	48	49	50	55	56	51	49	54	62	71	82	89	94	96	94	86	82	77	76	73	70	67
28	61	61	58	54	50	50	56	56	51	49	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
29																									
30																									
MEAN	29	28	27	27	27	28	30	29	27	26	25	24	25	26	25	26	26	25	26	27	28	28	29	29	27

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	20	21	20	18	18	19	20	20	20	20	18	17	15	15	14	15	15	15	14	14	14	14	15	15	17
7	17	20	22	20	20	20	19	17	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	15
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9	17	17	17	17	17	17	22	28	26	20	17	14	14	14	14	14	14	15	17	17	29	37	43	39	21
10	37	35	39	41	28	24	30	40	37	27	19	15	16	15	14	14	14	14	14	14	14	13	12	11	22
11	11	11	11	11	11	11	14	17	16	13	13	13	13	19	20	19	20	21	22	21	20	28	37	37	18
12	35	32	30	29	28	26	26	28	32	28	24	21	21	22	22	22	22	21	22	24	28	27	26	28	26
13	26	25	24	22	22	22	23	23	23	23	19	19	17	17	16	17	17	17	16	15	14	14	14	14	19
14	15	14	14	14	14	14	14	14	14	14	13	13	14	14	13	13	13	14	14	14	14	14	14	14	14
15	15	16	16	16	18	22	23	26	25	22	19	17	16	15	15	15	15	15	15	17	17	17	16	16	18
16	15	16	16	14	14	14	15	18	17	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	15
17	15	14	14	14	14	15	17	19	18	15	15	14	14	15	15	15	15	15	16	16	17	16	16	16	15
18	15	16	16	15	14	14	17	20	19	18	17	16	15	15	16	17	17	16	17	17	18	19	18	19	17
19	18	18	19	18	18	21	29	33	32	23	17	16	17	18	18	17	23	18	16	17	18	17	16	17	20
20	19	21	20	19	17	17	17	17	18	17	17	16	17	17	17	16	16	16	16	16	16	16	16	17	17
21	16	17	17	19	20	21	24	26	26	20	17	15	14	14	15	15	15	15	17	20	22	26	27	28	19
22	30	38	34	33	34	33	44	62	53	35	28	23	23	24	22	21	21	22	22	23	26	35	38	48	32
23	50	46	36	36	42	45	56	59	54	42	30	22	22	22	21	21	20	20	23	28	33	32	31	32	35
24	41	43	46	58	51	45	57	72	69	54	42	31	30	28	30	30	32	26	24	22	22	23	24	33	39
25	47	43	39	39	41	42	41	45	39	30	24	22	21	20	19	21	21	22	23	22	27	23	22	22	30
26	21	19	17	17	18	18	23	26	25	22	20	19	20	19	17	15	15	16	16	16	16	15	16	15	18
27	16	16	16	16	16	16	16	15	15	16	16	16	15	15	15	14	14	14	14	15	15	15	15	15	15
28	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
29	13	13	13	13	13	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
30	13	13	12	12	12	12	12	13	14	15	15	15	16	17	19	19	19	19	19	19	19	19	19	18	16
31	15	13	13	14	16	16	16	16	16	15	17	20	21	19	18	19	20	19	17	15	15	15	15	15	16
MEAN	22	22	21	21	21	21	24	27	25	21	19	17	17	17	17	17	17	17	17	17	19	19	20	21	20

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	13	13	13	13	13	13	12	12	12	13	13	13	13	13	12	12	12	12	12	12	12	13
2	13	13	13	12	12	11	12	14	16	15	14	13	24	22	21	22	19	19	19	18	17	17	17	16	16
3	16	16	16	15	15	15	15	15	15	15	15	15	15	16	15	16	16	16	16	16	17	17	16	16	16
4	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	15	15	15	15	15	15	15	15	15	15
5	14	14	14	14	14	14	15	18	19	17	16	16	16	16	17	16	16	16	15	15	15	14	14	14	15
6	14	15	14	14	13	13	13	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	14
7	13	13	13	13	13	13	13	15	19	17	15	15	17	17	17	16	17	23	24	28	28	23	19	18	17
8	17	17	17	17	17	17	18	19	20	22	27	24	***	14	14	13	13	13	13	12	11	11	11	11	16
9	10	10	10	10	9	9	10	13	14	13	11	10	12	12	12	12	12	13	13	11	10	10	10	13	11
10	13	13	12	11	11	11	11	11	11	11	11	11	12	12	12	12	11	11	11	11	11	11	11	11	11
11	10	10	10	9	9	9	9	9	9	9	9	9	9	10	11	13	13	13	12	11	11	11	11	11	10
12	11	11	11	11	11	12	13	14	15	15	15	***	***	18	17	17	17	18	19	18	19	19	19	18	15
13	17	17	17	17	17	17	17	21	23	24	21	20	19	19	19	19	19	19	19	18	22	21	21	19	19
14	17	17	16	16	16	17	19	19	20	20	20	20	20	19	19	19	19	21	24	26	31	33	37	39	22
15	38	32	33	35	32	26	21	20	22	23	22	22	19	18	19	18	20	18	17	15	14	14	13	13	22
16	12	10	10	12	11	11	12	13	13	13	13	12	20	20	14	13	15	17	15	15	15	13	13	13	14
17	13	13	12	12	11	11	13	15	19	17	14	13	12	12	12	12	12	12	12	11	11	11	12	13	13
18	15	17	20	17	16	20	21	17	21	13	13	13	12	13	12	13	13	12	11	11	12	12	13	13	15
19	14	14	14	14	14	14	15	19	22	22	19	15	15	***	18	17	18	19	19	25	29	32	39	45	21
20	43	29	24	24	28	28	26	27	27	21	20	18	15	20	16	15	15	15	14	13	12	11	11	11	20
21	11	11	11	12	12	12	12	15	16	15	16	17	16	16	16	17	18	19	20	19	17	16	16	19	15
22	18	16	23	16	16	17	18	21	21	19	***	15	14	15	16	17	22	30	40	28	25	22	21	24	21
23	22	20	20	22	18	17	17	20	24	22	20	20	20	21	22	24	32	31	32	28	24	22	23	25	23
24	23	21	22	22	26	22	14	12	11	11	12	12	12	11	11	11	11	12	13	17	15	11	12	15	
25	9	10	10	10	11	9	9	8	8	8	8	8	8	8	9	9	9	9	9	12	12	11	10	10	
26	13	13	13	13	13	14	16	19	23	25	26	27	28	33	35	42	28	30	36	36	33	35	36	41	26
27	45	38	35	34	26	20	21	23	26	26	24	21	18	18	19	18	17	16	15	13	13	13	13	13	22
28	12	12	11	11	11	11	11	14	15	13	13	13	13	14	13	13	15	15	13	13	12	12	11	14	13
29	12	11	11	11	11	11	12	14	16	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
30	12	11	11	11	11	11	12	14	16	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MEAN	17	16	16	15	15	15	15	16	17	17	16	16	16	16	16	16	16	17	17	17	17	17	17	17	16

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	- DATA MISSING -																									
2	- DATA MISSING -																									
3	- DATA MISSING -																									
4	14	14	14	16	16	16	17	21	25	27	23	22	21	21	21	24	22	20	16	15	14	14	14	14	14	18
5	14	13	13	13	13	13	13	17	17	17	19	33	23	25	23	20	17	17	15	13	12	12	11	11	11	16
6	11	10	10	10	10	10	10	11	13	14	13	14	13	12	12	13	15	14	13	13	13	11	11	11	11	12
7	11	11	10	10	10	9	10	12	14	12	11	12	11	11	11	12	13	13	13	13	15	13	14	17	12	
8	17	15	12	11	10	10	10	11	11	11	11	11	11	11	11	12	12	11	11	11	11	11	11	11	11	
9	11	11	11	11	10	10	10	10	10	10	10	10	12	14	15	15	15	13	13	13	13	13	13	13	12	
10	13	12	12	13	14	13	13	15	18	19	18	16	13	12	12	19	16	15	14	14	13	13	13	13	14	
11	12	13	13	13	12	12	13	19	16	14	14	14	13	13	13	14	16	15	15	16	16	14	14	13	14	
12	13	13	13	13	14	14	15	17	18	19	16	15	16	15	17	16	16	15	15	16	16	15	15	15	15	
13	15	15	15	17	15	13	15	19	24	15	18	19	15	15	15	15	15	14	17	21	17	14	13	13	16	
14	13	14	14	14	13	13	13	13	15	15	14	13	13	13	13	13	14	14	14	14	14	13	14	14	14	
15	14	13	13	13	12	12	12	13	13	13	14	14	14	14	13	13	13	14	14	14	15	15	13	13	13	
16	13	13	13	13	12	12	11	12	12	13	13	12	11	11	12	12	12	13	13	13	13	13	14	14	13	
17	13	12	12	13	12	13	12	13	15	14	14	14	14	14	14	14	15	13	12	12	11	11	11	11	13	
18	10	11	11	10	10	11	11	13	14	14	14	14	14	15	15	16	17	18	19	21	26	24	22	23	30	
19	30	32	30	29	25	22	21	26	30	25	21	19	19	19	17	17	18	18	18	17	15	15	15	14	14	
20	14	13	13	13	13	13	14	19	22	22	19	19	19	16	17	18	18	17	15	15	14	15	14	14	16	
21	13	12	12	11	11	12	12	13	13	13	13	13	13	13	13	15	13	13	13	13	12	13	13	13	13	
22	13	13	12	12	12	11	11	12	14	14	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	
23	12	12	13	14	22	14	13	13	13	13	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
24	13	13	13	13	13	13	14	15	18	17	15	17	15	15	15	15	15	14	12	11	11	11	11	11	14	
25	11	11	11	12	14	15	15	17	15	13	13	14	14	14	14	14	14	14	14	14	15	14	14	13	14	
26	16	14	14	14	15	16	18	19	21	21	21	20	19	19	20	20	23	22	19	17	17	15	15	14	18	
27	14	13	14	14	14	14	15	17	17	17	18	19	19	18	16	17	18	17	16	17	19	17	15	17	16	
28	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	15	15	15	15	15	16	15	13	13	14	
29	14	14	14	14	14	16	16	15	14	14	15	17	15	16	17	15	15	17	17	15	13	11	12	11	15	
30	11	11	11	11	11	11	11	11	11	11	11	11	14	13	13	13	15	15	14	14	15	14	18	15	13	
31	14	14	13	13	15	15	14	14	14	14	18	15	15	15	15	14	16	18	20	20	22	20	16	16	16	
MEAN	14	13	13	13	13	13	13	15	16	15	15	16	15	15	15	15	16	15	15	15	15	14	14	14	14	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	24	39	48
FEB	27	18	31	68
MAR	31	17	29	53
APR	30	15	22	37
MAY	29	15	19	64
JUN	29	16	22	38
JUL	26	16	20	40
AUG	31	20	27	51
SEP	28	27	67	96
OCT	27	20	39	72
NOV	30	16	26	45
DEC	29	14	21	33
YEAR	348	18	67	96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	371	191	175	0	0	0	0	737
FEB	5	473	118	21	1	0	0	0	618
MAR	56	502	158	25	0	0	0	0	741
APR	21	641	45	5	0	0	0	0	712
MAY	49	549	65	2	1	0	0	0	666
JUN	0	578	90	8	0	0	0	0	676
JUL	36	463	84	7	0	0	0	0	590
AUG	0	408	296	29	0	0	0	0	733
SEP	0	151	355	130	17	3	0	0	656
OCT	0	421	148	62	3	0	0	0	634
NOV	49	515	108	30	0	0	0	0	702
DEC	25	596	49	2	0	0	0	0	672
YEAR	241	5668	1707	496	22	3	0	0	8137

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92	2	11.7	13.8	16.0	18.6	26.0	31.6	37.9	44.2	96	18.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	17	16	16	17	14	14	14	15	****	****	****	****	****	****	****	****	****	19	17	17	17	16	15	16	****
4																									
5																									
6																									
7																									
8																									
9	16	14	14	14	14	12	12	14	14	13	12	12	11	11	12	12	14	12	12	12	12	12	12	12	13
10																									
11	12	12	11	11	11	11	11	11	11	11	11	11	10	11	11	11	11	12	14	14	13	13	13	14	12
12	14	14	14	14	16	17	17	22	25	24	20	20	16	16	16	18	18	17	17	18	24	23	25	30	19
13	30	26	22	24	23	21	21	22	22	22	20	19	19	18	17	17	17	18	18	18	19	19	19	19	20
14	20	18	17	17	16	16	16	16	17	19	23	24	26	28	26	23	21	20	18	17	17	18	18	22	20
15	24	19	16	16	16	15	16	18	19	18	17	17	****	16	16	16	16	16	17	16	15	15	16	18	17
16	15	15	17	15	15	12	12	12	13	13	13	13	13	14	14	14	15	17	15	13	13	13	13	13	14
17	15	15	15	16	16	16	15	18	22	22	19	18	18	18	20	25	26	27	24	23	32	30	30	27	21
18	24	24	22	25	27	21	18	18	21	18	17	17	18	18	18	17	17	30	26	20	24	25	23	21	21
19	23	22	21	22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20																									
21																									
22																									
23	18	18	18	18	18	18	15	17	16	16	16	18	17	17	18	18	18	15	15	15	15	15	15	13	17
24	16	13	13	15	15	12	13	14	14	16	17	18	18	17	17	15	16	16	16	18	17	18	19	16	
25	20	19	19	19	19	19	22	21	23	24	19	20	19	19	19	19	22	25	27	28	29	31	****	****	22
26	21	21	23	17	18	17	19	23	26	21	21	22	23	21	20	20	23	28	27	24	24	24	24	24	22
27	23	22	22	22	22	22	22	22	22	22	22	22	23	23	22	22	22	22	22	21	21	22	22	22	22
28	22	22	22	22	22	22	22	22	22	22	21	21	23	23	23	21	21	21	21	21	21	21	21	21	21
29																									
30																									
31	23	23	23	24	25	25	26	27	31	29	30	29	28	28	28	27	27	30	28	28	29	37	32	30	28
MEAN	20	19	18	18	18	17	17	18	20	19	19	20	20	19	19	20	20	20	19	19	20	20	19	20	19

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	29	30	29	29	30	31	32	32	31	30	29	27	27	28	28	28	28	28	26	26	25	25	24	28
2	25	24	24	23	23	23	23	24	24	23	23	24	24	24	26	26	25	25	25	23	23	25	25	29	24
3	28	27	25	25	23	23	22	22	22	24	25	25	24	24	25	26	26	26	26	27	27	27	27	27	25
4	26	26	26	26	25	25	25	25	24	25	25	25	23	23	23	26	24	24	24	22	22	21	21	21	24
5	21	21	21	22	22	23	24	25	27	27	27	27	26	25	25	24	24	24	25	26	27	31	36	34	26
6	33	33	28	29	29	29	28	28	29	27	27	27	27	23	27	27	25	25	24	24	24	19	20	21	21
7	20	19	19	19	19	19	19	19	22	21	21	21	21	21	21	20	20	22	21	23	23	21	21	21	21
8	20	19	19	18	17	15	15	15	18	18	18	16	16	16	16	16	16	17	20	22	22	17	17	17	17
9	17	17	17	17	16	17	20	22	22	20	21	20	18	16	17	17	17	19	21	23	23	21	22	26	19
10	24	21	24	21	22	24	22	21	21	20	19	19	18	18	18	18	18	19	20	21	22	20	20	22	21
11	21	21	23	21	20	21	21	22	23	23	22	21	22	21	21	21	21	22	24	29	34	32	28	30	24
12	28	28	25	23	22	23	24	24	24	24	24	20	21	18	19	18	17	17	17	17	17	16	15	21	
13	17	16	12	13	13	13	15	17	19	18	15	14	14	12	12	10	10	11	11	11	13	13	13	13	14
14	13	13	13	12	12	12	13	16	23	26	21	21	23	21	21	19	15	14	14	14	14	11	10	16	
15	11	12	12	10	9	9	9	9	9	9	9	9	9	9	8	8	9	8	8	8	8	8	8	9	9
16	9	9	9	9	9	9	10	10	10	10	10	10	9	9	9	9	9	10	10	10	10	10	11	12	10
17	11	11	11	11	11	11	11	11	11	11	12	12	12	13	13	12	12	11	11	11	10	10	15	16	12
18	20	20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19																									
20																									
21	9	9	10	10	10	9	9	10	11	9	11	11	12	12	12	13	11	11	11	12	12	13	12	10	11
22	10	9	10	10	11	10	10	10	10	10	10	10	11	10	8	8	9	11	13	13	14	14	14	13	11
23	12	13	13	11	11	11	12	15	15	13	12	10	9	9	8	8	8	9	10	12	12	14	16	14	12
24	13	13	14	14	12	13	13	12	12	12	12	12	9	9	8	8	8	10	12	10	11	11	12	12	11
25	12	12	12	12	11	12	13	14	12	13	15	14	12	13	12	13	13	14	14	13	14	15	16	13	
26	16	17	16	14	14	14	18	20	18	16	14	14	14	14	14	14	13	15	17	16	17	16	15	18	16
27	16	16	15	15	15	16	18	18	18	16	16	18	16	16	17	17	17	20	17	17	17	17	17	17	17
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	18	18	18	17	17	17	18	18	19	19	18	18	17	17	17	17	17	17	17	18	18	18	18	18	18

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	23	22	18	17	17	19	20	23	0	19	19	22	23	23	22	21	23	27	22	21	21	22	21	20
2	18	18	18	18	19	21	21	20	22	20	18	20	18	20	20	18	20	21	21	19	19	19	17	20	19
3	19	19	19	18	19	20	17	18	18	19	19	21	20	22	22	22	21	22	21	22	23	24	24	23	21
4	25	23	23	23	24	24	23	20	23	23	21	23	21	23	23	22	22	24	25	25	26	22	22	21	23
5	21	24	22	20	21	22	23	26	26	21	23	23	21	21	21	22	21	22	22	22	23	22	22	22	22
6	21	21	21	20	19	19	21	22	23	22	22	21	22	23	23	22	22	22	21	22	22	24	22	22	22
7	23	23	23	23	23	23	24	24	26	23	25	25	12	0000	20	19	18	18	22	22	23	24	27	28	23
8	27	25	20	18	17	18	19	19	21	19	19	19	17	16	17	18	18	18	19	19	22	22	22	22	20
9	19	18	17	17	17	17	17	17	18	19	18	18	18	18	18	18	19	20	19	20	20	20	20	18	
10	20	19	19	18	18	18	18	18	19	19	20	21	20	22	22	21	21	20	20	20	21	20	20	20	20
11													-	DATA MISSING	-										
12													-	DATA MISSING	-										
13													-	DATA MISSING	-										
14													-	DATA MISSING	-										
15													-	DATA MISSING	-										
16	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	17	17	18	17	16	16	16	17	17	17	17	17	0000
17	17	16	15	15	15	15	15	15	15	15	14	14	15	15	14	14	14	15	14	14	15	14	14	16	15
18	16	17	19	18	18	15	14	16	14	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16
19	15	15	15	15	15	15	15	16	15	15	14	15	15	15	15	15	16	17	17	17	17	16	16	16	16
20	16	16	15	16	15	15	16	16	16	17	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
21													-	DATA MISSING	-										
22													-	DATA MISSING	-										
23													-	DATA MISSING	-										
24													-	DATA MISSING	-										
25													-	DATA MISSING	-										
26													-	DATA MISSING	-										
27													-	DATA MISSING	-										
28													-	DATA MISSING	-										
29													-	DATA MISSING	-										
30													-	DATA MISSING	-										
31													-	DATA MISSING	-										
MEAN	20	20	19	18	18	19	19	19	20	18	19	19	18	19	19	19	19	20	20	20	20	20	20	20	19

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													-	DATA MISSING	-										
2													-	DATA MISSING	-										
3													-	DATA MISSING	-										
4													-	DATA MISSING	-										
5	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	16	17	15	16	16	16	16	19	17	17	18	19	0000
6	18	24	29	30	25	25	22	19	17	15	15	14	14	13	12	12	12	13	15	15	17	17	17	16	18
7	19	19	18	18	18	18	18	17	18	18	17	15	16	18	18	16	17	23	19	17	17	17	16	16	18
8	18	20	19	17	16	16	15	16	15	15	14	14	14	14	12	12	13	14	17	20	22	22	22	25	17
9	30	26	23	18	16	18	19	18	17	18	17	17	17	17	18	18	17	17	16	16	16	16	15	15	18
10	15	15	15	14	14	14	15	16	16	16	16	18	17	15	15	17	17	17	18	17	17	18	20	19	16
11	18	19	18	17	16	16	17	17	16	16	15	15	0000	0000	14	14	15	15	17	18	19	20	22	22	17
12	19	20	20	21	21	22	23	23	23	22	23	22	20	20	19	22	22	25	25	26	24	26	29	31	23
13	27	30	34	30	39	35	33	32	31	30	0000	0000	26	26	27	28	28	33	51	66	70	83	90	88	43
14	79	94	87	60	61	55	47	38	30	27	25	25	23	23	22	21	21	22	21	23	24	26	33	44	39
15	46	53	53	51	0000	0000	0000	35	31	28	24	25	22	22	22	23	23	23	27	28	0000	0000	0000	31	
16	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	24	21	21	21	19	20	20	21	24	23	22	22	22	22	0000
17	17	17	17	17	17	15	15	15	16	16	16	16	14	14	14	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
18													-	DATA MISSING	-										
19													-	DATA MISSING	-										
20													-	DATA MISSING	-										
21													-	DATA MISSING	-										
22													-	DATA MISSING	-										
23													-	DATA MISSING	-										
24													-	DATA MISSING	-										
25	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	14	14	16	0000	0000	0000	0000	0000	0000	0000	0000
26													-	DATA MISSING	-										
27	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	15	15	15	15	15	15	15	15	15	14	15	15	0000
28	14	14	15	15	15	15	16	16	17	18	20	23	20	20	19	18	17	16	16	16	15	14	14	15	17
29	14	13	14	15	15	15	16	16	16	16	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16
30	15	15	16	16	16	16	18	17	17	18	18	17	17	17	17	16	16	18	19	19	22	23	22	21	18
MEAN	25	27	27	24	22	22	21	21	20	20	19	18	18	18	17	18	18	19	21	22	23	23	25	26	21

PERCENTAGE OF DATA VALID - 49

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
	STATION - MACDONALD GDNS. OTTAWA											NO 51001 MONTH MAY 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	19	20	20	20	19	20	19	18	18
2	18	25	17	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
4													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
5													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
6													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
7													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
8													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
9													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
10													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
11													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
12													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
13													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
14													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
15													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
16													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
17													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
18													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
19													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
20													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
21													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
22													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
23													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
24													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
25													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
26													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
27													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
28													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
29													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	18	18	18	18	19	20	22	24	23	25	26 ****
31	22	20	20	19	19	19	19	19	19	19	20	23	20	15	15	15	16	18	19	18	18	17	17	17	18
MEAN	19	21	18	17	18	19	19	19	19	19	19	21	19	17	17	17	18	19	20	20	20	20	20	20	19
PERCENTAGE OF DATA VALID -					8																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - MACDONALD GDNS. OTTAWA												NO 51001 MONTH JUN 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	15	16	16	16	16	17	16	16	16	16	16	17	17	17	17	17	18	18	19	20	20	20	17
2	20	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	18	19	20	22	23	23	22	19
3	24	22	22	21	21	21	21	23	21	20	20	19	17	17	17	17	17	17	18	19	23	24	30	27	21
4	26	24	23	22	22	21	21	20	20	20	19	18	19	18	18	19	20	19	20	19	18	18	18	19	20
5	20	22	22	22	22	24	24	24	23	22	23	22	22	22	21	20	18	19	20	20	26	22	19	17	22
6	17	17	17	18	19	21	22	19	18	18	18	17	17	21	20	19	19	20	19	19	20	23	23	18	19
7	17	17	17	17	17	17	18	17	18	17	17	17	17	17	17	18	18	18	20	20	21	21	22	21	18
8	20	20	20	24	22	20	21	23	24	21	20	20	20	20	20	21	20	21	20	21	21	21	20	20	21
9	19	20	19	19	18	17	17	18	19	18	18	18	17	17	17	16	16	17	17	19	19	19	18	18	
10	18	19	20	19	19	19	20	19	18	18	18	19	20	19	18	19	19	19	20	21	20	21	21	19	
11	21	21	19	19	20	21	24	25	22	21	20	20	21	21	20	23	24	23	18	20	21	20	22	28	21
12	23	19	19	21	22	24	22	21	20	20	20	20	20	20	19	19	19	18	19	21	25	29	28	25	21
13	20	19	18	18	18	18	19	20	20	20	20	20	20	20	19	21	20	20	21	22	22	20	20	20	20
14	20	20	20	23	21	20	20	21	20	20	19	19	19	19	19	19	19	19	19	19	20	21	21	20	20
15	20	21	24	27	25	22	22	22	22	22	21	21	25	27	24	23	24	25	24	27	25	23	26	23	24
16	20	21	20	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	- DATA MISSING -																								
18	- DATA MISSING -																								
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	20	19	20	20	19	22	18	23	****
20	23	21	20	20	19	19	21	22	21	18	17	18	17	17	16	18	17	17	17	18	19	18	18	19	
21	17	19	20	17	17	17	18	19	18	17	17	17	17	17	17	17	17	17	15	12	12	9	****	****	17
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	16	21	24	25	26	28	22	19	18	18	17	17	15	14	14	14	14	14	13	15	17	19	17	19	18
24	22	20	20	20	21	20	22	21	17	16	16	15	14	14	14	14	16	15	16	16	17	22	17	17	18
25	15	15	14	14	14	14	14	14	13	13	14	14	13	13	14	14	14	14	14	14	22	25	21	17	15
26	20	24	31	36	29	27	24	21	20	18	16	16	16	16	16	16	16	16	18	24	22	23	19	18	21
27	17	17	17	17	17	17	18	18	18	18	18	17	17	15	15	16	16	17	18	19	18	20	22	19	18
28	18	19	18	19	23	20	20	19	18	18	17	18	18	18	17	20	18	18	19	19	19	18	18	18	19
29	18	21	23	20	18	18	17	18	20	19	18	19	20	20	19	20	20	21	20	21	21	23	21	20	20
30	19	19	18	18	18	20	20	22	22	22	20	18	18	18	18	19	18	18	19	21	21	22	22	21	20
MEAN	20	20	20	20	20	20	20	20	19	19	18	18	18	18	18	18	18	18	18	19	21	21	21	20	19
PERCENTAGE OF DATA VALID -					86																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	22	24	24	21	23	23	23	22	21	21	20	20	20	21	22	21	22	23	23	22	27	22
2	28	27	27	24	22	24	25	22	18	17	17	16	16	15	14	14	14	14	15	16	19	18	19	19	19
3	18	20	21	21	21	21	24	19	18	17	17	17	17	16	16	16	16	15	15	17	17	16	15	15	18
4	14	15	15	15	15	14	15	16	15	15	16	16	16	15	15	16	14	14	15	16	17	17	19	17	16
5	15	15	15	15	15	15	16	17	16	15	16	14	15	16	15	15	16	15	15	16	17	17	17	17	16
6	16	16	16	16	16	15	16	17	17	15	14	15	15	15	15	15	16	16	15	16	17	17	17	17	16
7	17	18	17	17	17	19	19	19	18	18	17	17	16	16	16	17	16	16	16	17	17	17	19	19	17
8	19	18	18	18	18	18	19	19	18	18	18	18	15	14	14	14	14	14	14	15	15	15	15	15	16
9	15	15	15	16	16	18	20	19	15	15	14	14	14	14	13	14	15	16	16	17	20	22	21	16	16
10	16	18	19	20	19	17	16	18	21	21	19	20	18	17	17	16	20	19	20	20	20	17	15	16	18
11	15	15	15	15	15	15	17	16	16	15	15	15	15	14	15	15	15	14	14	15	14	13	13	14	15
12	14	14	13	13	14	15	16	15	14	14	14	14	15	14	15	15	14	16	15	17	17	19	18	17	15
13	15	14	14	15	16	17	18	19	17	17	17	16	16	16	15	16	14	14	16	16	16	16	16	15	16
14	15	15	14	13	13	13	13	14	14	14	14	14	15	14	14	15	15	15	15	16	16	16	16	17	15
15	16	16	16	17	17	17	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16
16																									
17																									
18																									
19																									
20	14	13	13	13	13	13	14	13	14	14	15	14	14	14	15	13	13	14	14	14	16	14	13	14	14
21	14	14	15	15	14	14	14	14	15	15	14	15	14	14	13	13	14	13	14	15	17	16	15	15	14
22	15	15	15	14	14	14	14	14	14	15	15	15	15	15	15	15	14	14	14	15	16	17	18	18	15
23	16	16	16	16	16	16	16	17	17	16	16	15	15	15	15	16	15	15	15	17	18	18	17	16	16
24	16	16	16	16	16	16	17	20	22	19	17	16	16	15	15	16	15	16	16	19	22	27	24	27	18
25	24	20	21	26	24	24	25	25	26	27	22	18	17	17	17	16	17	17	17	16	18	17	16	18	20
26	18	16	17	18	16	18	20	21	21	22	19	18	18	18	15	16	15	16	17	21	19	22	25	17	18
27	15	14	14	14	14	14	16	16	16	16	15	14	15	16	16	16	17	17	18	18	15	15	15	16	16
28	16	16	16	15	15	15	17	15	16	15	15	15	15	15	15	16	15	16	17	17	16	15	16	15	16
29	15	15	15	15	15	15	14	14	14	14	14	14	15	14	14	14	14	14	15	17	19	20	19	20	15
30	19	20	20	22	28	39	34	23	19	17	16	16	16	15	15	15	16	16	17	17	19	19	21	24	20
31	26	22	27	26	23	23	23	22	20	20	20	19	18	16	17	17	19	19	17	17	16	16	15	20	
MEAN	17	17	17	17	17	18	18	18	17	17	16	16	16	15	15	15	15	16	16	17	17	18	18	17	17

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	14	15	15	15	17	17	17	19	19	18	19	22	23	19	20	19	18	20	19	18	19	20	18
2	18	17	17	17	17	16	18	19	17	18	17	17	20	20	18	17	17	17	18	18	21	23	23	23	18
3	27	26	21	21	23	23	22	23	19	18	18	17	17	17	17	17	16	16	17	17	18	17	17	17	19
4	18	18	16	16	17	16	16	16	16	17	16	16	17	16	17	18	17	18	17	18	24	21	18	18	17
5	18	18	18	17	17	17	16	17	17	17	16	15	16	15	14	14	14	14	15	17	19	20	21	20	17
6	20	24	20	20	19	19	19	18	19	20	20	20	20	20	19	19	19	19	21	22	21	21	21	22	20
7	19	22	21	21	20	21	24	26	24	23	21	20	20	20	20	20	20	22	25	34	37	25	22	22	23
8	22	22	22	23	24	26	24	24	27	24	24	24	26	24	22	24	23	21	20	19	15	29	22	19	23
9	21	21	25	30	25	27	43	29	28	27	25	24	24	22	21	21	20	20	21	26	33	41	65	36	28
10	34	27	26	27	29	29	29	29	28	27	25	24	22	21	23	19	20	21	21	21	21	21	21	21	25
11																									
12																									
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27																									
28																									
29																									
30																									
31																									
MEAN	22	21	21	22	22	21	23	23	22	21	21	19	19	19	18	17	17	17	18	20	21	23	24	22	21

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - MACDONALD GDNS. OTTAWA												NO 51001 MONTH SEP 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	28	27	27	27	26	26	28	26	24	23	23	21	19	18	18	25	26	27	27	28	29	29	29	25
2	29	31	31	33	33	35	40	31	28	26	25	25	24	23	23	23	23	22	22	23	24	24	24	24	27
3	24	25	25	25	26	26	25	26	26	25	24	24	24	23	23	22	22	23	24	27	32	29	29	28	25
4	27	28	28	28	30	30	32	31	29	28	27	26	29	27	27	26	26	26	27	27	29	28	26	26	28
5	26	26	27	28	29	29	32	33	35	35	33	28	27	28	23	20	21	24	25	25	27	28	24	25	27
6	26	24	20	20	22	22	20	21	20	20	18	17	17	16	16	16	16	16	16	17	16	17	17	19	
7	19	19	19	20	17	18	18	19	18	18	18	18	13	10	8	8	8	8	9	10	11	12	14	12	14
8	13	13	14	14	14	14	15	14	15	15	14	14	13	13	12	11	10	10	10	11	11	13	13	15	13
9	16	14	15	15	16	17	17	17	18	19	16	16	15	14	11	10	9	8	8	11	12	13	15	16	14
10	17	18	18	19	20	21	22	21	20	19	18	15	14	12	11	9	8	7	7	9	11	13	13	14	15
11	13	14	14	14	14	15	16	17	17	15	14	13	13	12	12	11	10	9	9	12	12	12	14	15	13
12	15	16	16	16	16	18	18	18	18	17	17	15	14	15	17	22	19	17	17	18	18	19	19	19	17
13	20	20	22	22	24	26	25	60	27	22	18	15	14	12	13	12	13	13	19	27	30	43	27	21	23
14	21	21	23	22	22	23	24	24	23	21	19	15	14	13	12	12	11	13	13	14	15	16	17	17	18
15	19	20	20	21	21	22	23	24	23	19	17	14	13	10	9	8	9	10	11	11	13	14	14	16	16
16	16	18	19	19	22	23	23	24	24	24	23	23	22	20	19	18	19	19	20	21	23	20	19	21	21
17	22	24	25	26	27	28	32	30	29	26	23	21	20	18	18	18	18	20	21	22	23	24	24	24	23
18	25	25	25	26	26	26	27	27	26	26	26	26	24	23	19	18	18	17	21	26	26	25	***	***	24
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	21	21	22	22	23	23	24	26	23	22	21	19	18	17	16	16	16	17	19	20	21	20	20	20	20
PERCENTAGE OF DATA VALID -					59																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION																
STATION - MACDONALD GDNS OTTAWA										NO 51001 MONTH OCT 73																
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3													- DATA MISSING -													
4													- DATA MISSING -													
5													- DATA MISSING -													
6													- DATA MISSING -													
7													- DATA MISSING -													
8													- DATA MISSING -													
9													- DATA MISSING -													
10													- DATA MISSING -													
11	23	23	23	23	23	24	26	27	27	27	28	30	30	31	31	31	31	33	36	43	49	43	37	36	31	
12	29	32	31	36	43	48	48	50	47	38	35	35	31	30	32	36	36	38	36	35	35	35	36	35	37	
13	31	32	32	32	33	35	40	39	39	38	40	39	35	34	34	34	34	33	32	33	31	30	31	31	34	
14	27	26	25	24	24	24	22	22	22	24	24	24	22	22	22	22	23	23	24	24	26	26	27	27	24	
15	25	25	26	26	24	25	26	28	27	26	25	25	25	25	26	26	26	26	27	24	23	23	22	21	25	
16	19	19	19	18	18	17	16	16	15	15	14	14	12	12	12	22	20	20	20	20	19	18	20	20	18	
17	18	18	18	20	20	20	22	23	**	**	22	23	23	22	23	23	23	23	23	24	24	25	25	26	22	
18	23	22	23	24	24	26	29	30	34	30	26	24	23	23	22	23	23	25	25	25	25	26	26	25		
19	24	24	24	23	24	25	27	31	30	33	28	27	24	24	24	24	24	24	25	29	30	27	26	26		
20	25	23	24	24	22	22	23	23	24	24	24	24	24	24	24	24	24	25	26	26	23	23	24	25	24	
21	25	25	25	25	25	25	26	28	28	26	25	25	23	23	23	23	24	25	28	27	27	27	26	26	25	
22	24	26	27	28	30	32	35	37	38	41	51	44	38	38	39	39	42	45	42	39	39	39	39	39	37	
23	38	37	38	38	38	38	40	42	41	41	42	43	44	45	47	49	50	52	52	53	57	61	62	60	46	
24	55	53	50	49	48	49	50	51	51	51	51	53	52	**	**	**	40	38	38	38	35	32	32	32	45	
25	29	27	27	27	27	27	28	29	27	27	29	30	31	33	40	42	46	45	47	43	43	43	42	41	35	
26	36	36	35	33	32	32	34	40	40	35	35	35	31	31	30	32	33	33	32	31	30	28	29	29	33	
27	26	25	26	26	26	26	26	26	26	25	25	26	22	25	25	25	25	26	26	26	26	26	26	26	26	
28	24	24	24	24	24	24	24	24	24	24	24	24	22	22	22	22	22	22	24	24	23	24	22	23	23	
29	23	22	22	23	23	23	23	25	22	22	22	22	18	18	18	18	18	19	19	19	19	19	20	20	21	
30	18	18	18	18	18	18	18	19	19	18	18	18	17	17	18	19	19	19	19	20	20	21	22	23	19	
31	21	20	19	19	18	23	23	25	23	23	20	19	***	***	***	26	25	26	30	29	34	36	31	26	24	25
MEAN	27	27	26	27	27	28	29	30	30	29	29	29	27	26	28	29	29	30	30	30	30	30	29	29		
PERCENTAGE OF DATA VALID					66																					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION																	
	STATION - MACDONALD GDNS.							OTTAWA				NO 51001				MONTH NOV 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	23	22	22	23	21	21	22	24	25	25	25	27	27	27	22	22	21	21	21	21	20	20	19	23					
2	19	19	19	19	19	19	19	19	20	21	19	20	20	20	21	21	21	21	21	20	20	19	19	19	20				
3	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	18	18					
4	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	18	18	18	18	18					
5	17	17	17	16	17	18	18	18	18	17	17	16	16	16	15	15	16	16	16	16	17	17	18	18					
6	18	18	18	18	17	17	17	19	18	18	17	17	17	17	17	17	18	19	19	19	19	19	19	18					
7	18	18	18	18	18	18	19	19	20	20	20	20	19	18	18	19	20	22	23	21	20	18	18	19					
8	18	18	18	18	19	19	22	22	21	21	21	22	22	22	21	21	21	21	21	19	20	20	20	20					
9	19	20	19	20	20	21	21	22	21	20	20	20	20	20	20	22	23	23	23	23	24	24	25	21					
10	25	25	25	24	24	24	25	25	25	25	24	23	22	22	22	23	23	23	23	23	25	26	26	24					
11	26	26	26	26	26	26	26	27	25	25	25	27	29	26	26	24	25	27	26	23	23	24	24	26					
12	26	24	23	23	23	23	24	26	30	26	25	24	24	23	23	23	24	24	25	24	23	25	23	23					
13	21	21	20	20	20	20	20	22	23	23	23	23	22	20	23	24	23	23	23	23	23	23	23	22					
14	23	23	23	22	23	24	25	28	29	25	23	21	21	20	23	24	24	24	24	26	28	30	32	25					
15	33	33	30	30	29	26	24	24	23	23	23	23	23	23	22	21	22	22	22	22	22	22	22	24					
16	23	22	22	22	22	22	22	22	23	24	24	24	24	24	23	24	24	25	25	25	25	26	26	27					
17	27	26	26	26	26	26	26	26	28	27	27	26	26	26	27	26	26	27	27	28	28	28	28	27					
18	27	27	28	27	28	28	28	28	29	28	27	26	27	27	26	26	27	26	27	28	28	28	29	30					
19	28	28	27	28	28	27	27	29	30	29	28	28	27	27	26	26	27	27	28	28	28	27	27	28					
20	25	25	25	24	24	24	24	24	24	24	24	24	24	23	24	25	27	28	32	47	41	41	35	31					
21	30	30	29	28	29	30	31	33	33	33	32	31	31	30	30	30	31	31	32	31	32	32	33	32					
22	32	32	33	33	33	33	34	35	36	36	36	37	39	41	42	41	47	48	43	37	29	25	25	36					
23	- DATA MISSING -														-	-	-	-	-	-	-	-	-	-	-	-	-		
24	- DATA MISSING -														-	-	-	-	-	-	-	-	-	-	-	-	-		
25	- DATA MISSING -														-	-	-	-	-	-	-	-	-	-	-	-	-		
26	- DATA MISSING -														-	-	-	-	-	-	-	-	-	-	-	-	-		
27	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20					
28	19	19	19	18	18	18	19	20	21	20	19	19	19	19	19	19	20	22	20	19	18	18	18	19					
29	18	18	18	18	18	18	18	19	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20					
30	21	21	21	21	21	21	21	22	23	23	23	23	23	23	22	21	21	21	21	21	21	22	22	22					
MEAN	23	23	23	22	22	22	23	24	24	24	23	23	23	23	23	23	24	24	24	24	24	23	23	23					
PERCENTAGE OF DATA VALID -	83																												

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION																	
	STATION - MACDONALD GDNS.							OTTAWA				NO 51001				MONTH DEC 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	22	22	22	22	22	23	23	23	24	23	23	23	22	23	23	23	23	23	23	23	24	24	24	25	23				
2	25	25	24	24	24	24	24	24	24	25	25	26	24	24	24	24	24	24	24	24	24	24	24	24	24				
3	24	24	24	24	24	24	24	24	24	25	25	26	25	24	25	24	24	24	25	25	24	25	25	26	25				
4	26	26	26	26	25	26	27	30	32	35	32	32	27	25	24	24	23	23	23	23	23	23	22	22	26				
5	22	22	22	22	21	21	21	22	23	24	23	23	24	23	24	24	24	24	25	26	25	27	33	28	24				
6	25	22	22	22	21	21	20	20	21	21	21	21	22	22	22	22	23	23	23	22	21	22	22	22	22				
7	21	21	21	22	22	22	22	22	22	22	22	22	23	23	23	23	23	24	25	26	28	28	28	28	23				
8	28	29	31	34	37	34	31	39	45	40	37	32	31	30	28	27	27	26	26	26	26	27	33	29	31				
9	27	27	26	25	25	25	25	25	25	25	25	25	25	24	24	24	24	24	23	23	23	23	24	23	25				
10	23	22	22	22	22	22	22	24	24	25	26	27	28	28	28	28	28	28	28	27	27	26	26	25	25				
11	25	25	25	24	24	24	24	24	25	25	26	26	25	23	23	22	22	22	22	23	23	23	23	23	24				
12	23	23	23	23	23	23	23	24	25	25	25	24	24	24	24	19	19	20	21	23	26	26	30	29	24				
13	26	23	22	21	20	19	19	19	19	19	19	20	20	21	20	21	21	21	21	21	21	20	20	20	21				
14	18	19	19	18	18	18	18	17	17	17	17	17	17	17	19	19	19	19	19	19	19	19	19	19	18				
15	19	19	19	18	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18	18	18	18	18	18	18				
16	19	19	19	19	19	19	19	19	18	18	18	18	19	18	18	18	18	17	18	19	19	19	18	18	18				
17	19	19	19	19	18	18	18	18	18	18	18	18	18	17	17	17	16	16	17	17	17	17	17	17	18				
18	17	17	17	18	18	18	18	18	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	19				
19	19	19	19	19	19	20	21	23	24	24	26	25	28	25	23	23	24	27	30	27	23	22	21	21	23				
20	20	19	19	19	19	20	20	20	20	20	20	21	20	20	20	20	20	20	20	19	19	19	19	19	20				
21	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17				
22	17	17	17	17	17	17	17	17	17	17	17	18	19	19	19	18	18	18	18	20	24	25	25	22	19				
23	20	20	19	18	18	18	17	17	17	17	17	17	17	17	17	18	18	19	19	21	20	19	19	19	18				
24	19	19	19	19	19	19	19	19	20	20	20	20	20	20	21	20	20	21	22	24	23	23	26	25	21				
25	22	21	20	20	20	20	21	21	21	21	20	20	20	20	19	19	19	19	19	19	19	20	20	21	20				
26	21	21	21	21	20	20	20	20	20	20	21	21	22	23	23	24	28	38	39	36	33	29	25	24	25				
27	23	22	21	21	20	20	20	20	20	21	21	21	21	21	23	25	28	28	28	30	27	27	27	28	23				
28	27	24	24	24	24	24	23	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	22				
29	21	21	22	21	21	24	24	23	25	26	25	26	24	24	24	24	24	25	28	28	26	26	26	26	24				
30	- DATA MISSING -																												
31	- DATA MISSING -																												
MEAN	22	22	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	23	23	22				
PERCENTAGE OF DATA VALID :					92																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	19	28	37
FEB	27	18	28	36
MAR	15	19	23	28
APR	18	21	43	94
MAY	4	19	18	26
JUN	28	19	24	36
JUL	28	17	22	39
AUG	19	21	28	65
SEP	18	20	28	60
OCT	21	29	46	62
NOV	26	23	36	48
DEC	29	22	31	45
YEAR	255	21	46	94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	1	250	168	7	0	0	0	0	426
FEB	93	253	238	11	0	0	0	0	595
MAR	1	173	162	0	0	0	0	0	336
APR	0	230	97	21	8	1	0	0	357
MAY	0	46	17	0	0	0	0	0	63
JUN	1	339	278	2	0	0	0	0	620
JUL	0	549	94	2	0	0	0	0	645
AUG	5	192	208	9	1	0	0	0	415
SEP	27	181	202	18	0	0	0	0	428
OCT	0	52	288	156	2	0	0	0	498
NOV	0	158	402	44	0	0	0	0	604
DEC	0	210	459	20	0	0	0	0	689
YEAR	128	2633	2613	290	11	1	0	0	5676

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
64	0	13.7	16.7	19.2	22.2	26.8	30.4	37.8	44.1	94	20.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	19	20	20	19	19	17	17	17	19	18	18	17	20	19	19	19	19	21	20	21	22	20	22	21	19
12	19	19	20	19	19	19	22	23	24	25	22	22	22	22	22	24	28	31	29	32	28	28	28	27	24
13	24	24	24	24	25	29	28	28	27	27	27	26	25	25	24	23	24	26	27	25	26	28	27	26	26
14	23	25	25	24	25	23	20	20	20	20	21	21	19	18	19	19	20	21	20	19	19	19	19	20	21
15	19	19	20	19	19	19	18	19	20	22	20	20	22	22	21	23	22	23	23	21	22	22	23	23	21
16	22	22	22	21	20	20	20	20	20	20	21	21	21	21	22	22	22	22	24	23	21	21	21	22	21
17	22	21	21	21	22	22	23	21	23	25	23	22	22	23	22	21	24	23	23	23	22	22	23	24	22
18	28	27	26	24	23	25	26	28	30	29	30	27	30	42	51	34	26	27	32	32	30	36	30	22	30
19	21	23	27	25	26	31	35	45	59	41	75	41	27	25	26	26	25	24	25	26	25	22	22	21	31
20	21	21	21	20	18	18	18	18	18	18	18	17	19	20	20	20	19	19	19	20	20	20	21	20	19
21	20	21	21	21	20	21	21	21	21	22	22	20	21	20	20	19	21	23	26	26	26	24	25	25	22
22	24	23	23	24	24	25	25	27	27	26	24	23	24	25	26	25	25	25	24	21	20	19	18	17	24
23	19	21	21	21	20	19	19	19	19	19	18	19	20	19	20	20	22	20	19	18	18	18	18	19	19
24	18	18	18	19	19	19	19	19	19	20	21	19	22	22	22	21	18	21	23	22	24	22	23	24	20
25	18	17	17	17	17	17	19	20	19	20	19	17	18	19	19	19	20	22	26	32	36	30	27	32	23
26	21	20	20	21	21	21	21	22	22	20	20	19	21	19	19	19	20	22	26	32	36	30	27	32	23
27	40	28	24	22	22	20	21	21	21	21	21	19	19	19	19	20	21	22	20	20	22	22	21	21	22
28	22	22	22	22	22	22	21	21	21	21	22	25	22	22	21	21	21	22	21	21	21	20	20	20	21
29	20	22	30	32	29	30	30	28	29	22	18	17	17	18	18	18	18	18	18	18	18	18	18	18	19
30	19	19	19	18	18	19	19	19	20	22	21	21	20	19	18	19	19	19	19	18	18	18	18	18	19
31	18	18	19	19	19	20	20	21	21	21	21	21	20	20	23	23	23	24	27	24	24	25	25	25	22
MEAN	22	21	22	22	21	22	22	23	24	23	24	22	21	22	22	22	22	23	23	23	23	22	22	22	22

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	25	25	25	22	22	24	22	22	24							23	24	21	22	21	20	20	21	23
2																									
3	21	12	12	12	12	12	12	13	12	11	13	13	14	15	15	17	18	18	20	20	21	21	21	21	16
4	20	21	22	21	21	21	21	22	21	21	18	16	16	14	13	13	13	14	14	14	14	14	16	16	17
5	17	18	19	22	24	26	27	31	33	27	21	22	25	21	21	19	20	23	26	26	27	29	29	31	24
6	34	32	29	29	30	30	34	32	34	32	29	28	29	29	27	24	23	23	23	23	23	24	24	26	28
7	25	25	24	23	26	26	24	26	26	29	27	27	25	25	25	25	29	28	28	24	24	22	19	16	25
8	17	17	15	15	15	16	15	16	18	18	18	17	21	21	23	24	22	24	25	25	25	26	29	33	21
9	33	33	29	29	32	33	33	31	31	31	29	32	33	30	30	33	36	37	39	41	41	39	36	35	34
10	35	37	36	37	37	37	34	33	34	32	30	26	24	24	24	22	24	27	27	29	34	34	39	44	32
11	44	44	44	40	38	39	39	44	35																
12																									
13																									
14																									
15																									
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23																									
24																									
25																									
26																									
27																									
28																									
MEAN	27	26	26	25	26	26	26	27	27	26	24	23	23	22	22	22	23	23	24	24	24	24	26	26	25

PERCENTAGE OF DATA VALID - 35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - MEMORIAL PK.CORNWALL												NO 56051 MONTH MAR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													16	16	17	17	17	17	17	17	16	17	17	17	****
13	16	17	15	15	15	15	16	15	16	17	16	16	15	15	15	15	15	17	17	17	16	15	15	15	16
14	15	17	15	14	15	15	15	15	17	18	16	15	16	16	15	15	15	15	16	15	15	15	15	14	15
15	13	13	12	11	11	11	12	14	14	11	11	11	11	11	11	11	14	14	19	20	16	14	12	12	13
16	12	12	12	12	12	12	14	16	16	16	16	15	15	15	15	15	8	16	17	20	18	19	19	17	15
17	14	12	11	12	13	11	10	10	10	10	10	10	10	10	10	9	15	8	8	8	8	8	9	10	10
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21	16	16	16	16	16	16	17	16	16	16	16	16	17	16	16	18	17	17	16	16	16	16	15	16	16
22	16	15	16	16	15	15	16	16	16	16	16	16	17	17	17	17	16	15	15	15	16	17	17	17	16
23	17	16	16	16	16	16	16	17	17	17	17	16	16	16	15	15	15	15	15	16	17	19	18	18	16
24	17	17	16	16	16	16	16	15	15	15	15	16	15	15	16	16	16	16	16	17	17	18	17	16	16
25	17	16	16	15	15	15	14	14	14	14	14	14	15	16	16	16	16	18	19	22	24	24	24	25	17
26	19	21	20	17	18	18	16	16	17	18	16	14	15	13	13	13	12	13	13	15	17	17	15	15	16
27	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	16	17	19	21	21	15
28	21	24	23	22	21	21	20	22	22	22	20	18	18	18	18	18	18	17	17	18	19	21	20	22	20
29	29	37	33	30	22	18	19	20	20	19	18	18	18	18	18	19	19	20	19	20	23	22	21	21	22
30	21	19	19	18	19	20	20	20	21	22	22	20	14	15	15	18	19	18	16	14	15	15	14	13	18
31	12	12	12	12	12	13	13	13	13	14	14	13	12	13	13	13	12	13	14	13	13	14	14	15	13
MEAN	17	17	17	16	16	15	16	16	16	17	16	15	15	15	15	15	15	15	16	16	16	17	17	17	16
PERCENTAGE OF DATA VALID -					54																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - MEMORIAL PK.CORNWALL													NO 56051 MONTH APR 73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	12	12	11	9	9	9	9	8	7	8	8	9	9	9	9	9	7	7	7	7	9	9
2	8	7	7	6	6	6	6	7	6	6	14	14	13	13	14	13	14	13	12	11	11	9	10	10	10
3	9	9	9	9	9	10	9	10	11	10	10	10	9	10	10	10	10	9	9	9	9	8	8	8	9
4	8	9	10	8	8	9	10	11	11	11	11	13	12	12	8	8	9	8	7	8	8	8	7	7	9
5	7	7	7	7	6	5	6	7	8	7	7	8	10	10	10	11	12	11	11	12	13	13	11	11	9
6	10	10	10	11	12	12	12	13	14	13	13	12	12	12	12	13	12	12	13	14	14	15	16	16	13
7	15	15	15	15	16	16	16	16	16	16	16	15	13	14	15	16	16	17	16	18	19	17	15	15	16
8	15	15	15	15	14	14	14	14	14	14	14	12	12	10	11	11	12	12	14	14	15	15	13	13	13
9	13	13	13	12	12	12	11	12	12	13	11	11	10	10	10	11	12	10	10	11	12	10	10	10	11
10	10	10	10	11	11	11	11	11	11	10	9	9	9	8	9	9	9	11	10	9	9	9	10	11	10
11	10	10	10	10	11	11	11	12	12	13	11	11	11	11	12	11	11	11	12	14	14	14	15	16	12
12	15	14	15	15	15	15	15	15	16	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15
13	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
14	13	13	14	13	13	12	13	12	13	13	13	12	11	12	12	12	12	12	12	12	12	12	12	13	12
15	11	12	12	12	14	13	12	13	13	13	12	12	11	11	12	12	14	14	16	20	20	19	22	22	14
16	21	17	14	14	13	12	12	12	11	11	11	12	13	14	18	19	15	12	14	18	13	10	10	11	14
17	11	11	10	11	11	11	11	12	13	13	13	13	13	13	14	15	16	16	16	16	16	16	15	15	13
18	14	14	14	14	15	15	15	13	14	14	13	14	15	15	16	17	19	21	22	23	24	25	24	22	17
19	20	20	20	21	22	18	18	18	17	17	14	12	13	17	16	18	19	20	21	23	24	25	19	16	19
20	15	15	15	15	14	14	15	16	16	14	16	14	14	14	14	15	15	16	18	19	20	21	21	21	16
21	20	20	20	20	20	19	18	18	17	19	19	19	19	19	20	21	24	26	26	31	31	25	23	22	22
22	22	22	22	22	22	22	21	21	20	20	20	21	20	21	22	23	22	22	22	22	21	20	19	19	21
23	17	18	18	16	16	14	14	13	12	12	12	11	10	9	10	10	10	10	10	10	11	11	11	11	12
24	12	13	14	16	16	17	17	16	14	13	11	10	11	11	14	12	11	12	12	12	12	13	15	14	14
25	15	14	13	13	14	14	14	13	13	13	11	11	11	11	11	12	11	11	12	14	18	28	30	28	15
26	26	19	15	16	16	15	16	16	16	16	16	13	12	10	10	10	10	11	11	13	13	15	15	14	11
27	12	13	13	14	14	14	13	12	11	12	10	10	11	11	10	10	10	10	9	8	9	9	7	7	11
28	7	7	7	6	7	7	7	7	8	8	8	9	8	8	9	10	11	11	12	11	10	9	9	9	9
29	9	10	10	11	13	11	10	10	11	11	11	11	12	12	12	12	13	13	14	14	14	14	13	12	12
30	13	13	13	13	13	11	9	7	6	7	17	8	5	6	6	6	6	6	5	6	8	9	9	9	8
MEAN	14	13	13	13	13	13	13	13	13	12	13	12	12	12	12	13	13	13	13	14	15	14	14	14	13
PERCENTAGE OF DATA VALID -				95																					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	7	8	7	7	7	7	9	9	9	8	8	7	7	7	8	6	6	8	8	9	8	7	8	8
2	9	8	9	12	13	12	18	11	10	10	11	11	11	11	11	11	11	13	11	10	10	12	12	12	11
3	11	11	10	10	10	12	12	12	11	13	11	11	14	13	14	14	14	13	14	12	12	12	10	10	12
4	11	11	11	11	12	12	11	13	12	11	10	12	13	13	15	15	14	13	12	13	13	13	13	13	12
5	13	13	12	12	12	12	12	12	12	12	12	12	12	13	12	12	12	13	13	13	14	15	15	15	13
6	14	13	14	14	14	15	14	13	13	13	14	14	14	15	14	14	15	14	14	15	18	15	14	15	14
7	15	15	18	18	18	19	18	18	18	17	18	18	18	18	18	17	17	16	16	16	16	16	16	16	17
8	18	18	18	18	18	18	18	18	16	15	15	14	14	14	17	18	16	14	15	13	13	12	12	13	16
9	13	13	13	12	12	12	14	13	16	15	21	15	15	17	18	19	14	14	13	12	12	12	12	12	14
10	12	11	13	15	15	14	14	14																	
11																									
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27																									
28																									
29	21	20	20	19	19	19	19	19	19	18	18	18	19	18	19	19	20	18	18	19	19	19	19	18	19
30	17	17	17	17	18	20	21	19	18	18	17	16	16	16	16	16	15	15	16	16	21	25	20	19	18
31	20	19	17	20	19	18	17	18	18	18	17	17	17	16	17	17	16	16	16	14	14	29	17	16	18
MEAN	14	14	14	14	14	15	15	15	14	14	14	14	14	14	15	16	15	14	15	14	15	16	15	15	15

PERCENTAGE OF DATA VALID - 40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	20	20	21	21	21	23	21	18	18	18	18	18	18	21	18	18	18	18	19	20	22	19
2	22	22	22	21	21	21	20	18	18	18	19	19	19	19	20	20	20	20	19	20	20	22	21	21	20
3	20	20	20	20	21	22	23	21	22	22	18	18	18	18	17	15	16	16	17	19	24	24	21	19	20
4	19	18	18	19	21	23	22	23	18	19	18	18	18	21	24	28	25	21	20	19	19	21	21	23	21
5	25	25	50	30	27	22	25	26	26	23	21	19	18	17	16	17	17	18	20	23	26	21	19	20	23
6	24	27	28	22	19	18	18	17	16	16	14	15	14	14	14	15	15	15	16	16	17	19	18	17	18
7	16	17	16	17	17	15	15	15	15	16	15	13	13	12	12	12	13	14	14	14	14	13	13	13	14
8	12	14	15	17	16	18	17	19	20	19	16	16	16	17	17	15	15	15	14	13	12	12	10	10	15
9																									
10																									
11																									
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28																									
29																									
30																									
MEAN	17	17	19	18	18	18	18	18	18	17	16	16	16	16	17	17	17	17	17	17	17	17	16	16	17

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1												- DATA MISSING -														
2												- DATA MISSING -														
3												- DATA MISSING -														
4												- DATA MISSING -														
5												- DATA MISSING -														
6												- DATA MISSING -														
7												- DATA MISSING -														
8												- DATA MISSING -														
9												- DATA MISSING -														
10	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	
11	15	14	15	16	16	16	16	16	17	14	14	15	15	15	12	13	13	13	12	13	15	16	16	16	15	
12	14	14	13	14	14	13	12	11	11	10	9	8	8	7	7	8	8	9	9	11	11	10	10	10	10	
13	10	10	10	10	11	10	10	10	8	8	7	7	8	8	8	9	9	10	10	10	10	10	10	10	9	
14	9	10	11	11	10	10	10	10	11	10	10	10	10	10	10	11	10	10	11	12	12	11	11	11	10	
15	13	13	13	13	13	13	13	13	14	12	12	12	11	11	10	11	12	11	11	11	12	13	13	15	16	12
16	16	15	15	15	16	18	19	19	16	15	14	13	13	12	12	13	13	13	16	25	24	20	17	16	16	
17	17	18	21	18	25	28	25	22	20	17	14	13	13	13	13	14	13	14	16	21	26	33	31	19	19	
18	27	29	23	20	25	22	19	17	17	17	23	17	17	17	19	20	22	24	26	29	30	30	29	28	23	
19	25	24	23	22	21	21	21	21	16	14	13	13	13	15	14	15	15	14	14	15	15	14	14	14	17	
20	13	14	13	12	13	14	15	16	16	15	15	26	25	19	19	18	18	16	18	20	22	22	22	23	18	
21	22	21	20	18	18	18	18	18	17	16	15	15	15	15	15	15	16	16	17	19	22	24	20	20	18	
22	20	19	21	27	31	25	22	20	20	19	19	18	18	18	18	18	17	17	17	20	24	27	25	22	21	
23	24	25	28	29	28	27	27	26	23	20	20	19	19	18	18	17	17	17	20	21	21	20	20	20	22	
24	23	23	23	26	27	26	24	23	23	22	22	20	19	20	21	21	21	21	22	25	30	35	32	26	24	
25	23	22	22	22	23	25	27	24	23	21	20	19	19	19	20	22	22	22	23	22	23	23	22	23	23	
26	21	20	20	20	20	20	20	20	20	21	25	25	24	23	22	22	22	22	22	23	22	23	23	22	23	
27	16	16	16	16	16	16	16	16	16	15	15	15	14	15	15	16	16	16	15	15	15	14	14	15	15	
28	13	13	14	14	15	15	15	16	16	16	16	16	15	14	15	15	15	15	16	17	20	23	20	17	16	
29	18	17	17	17	18	17	17	18	17	17	17	17	17	17	22	22	21	19	19	21	24	21	18	19	19	
30																										
31	18	18	17	16	18	18	18	17	17	16	16	16	15	15	16	16	16	16	16	17	19	20	20	19	17	
MEAN	18	18	18	18	19	19	18	18	17	16	16	16	15	15	16	16	16	16	16	17	19	20	20	19	17	

PERCENTAGE OF DATA VALID - 63

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	21	20	20	19	19	19	19	18	18	18	17	17	26	17	17	17	18	18	19	19	20	21	21	20	18
4	16	16	15	15	14	15	16	17	17	16	16	15	14	14	15	15	15	16	16	17	18	18	18	17	16
5	17	17	17	17	16	16	16	16	16	16	15	15	15	15	16	16	16	16	17	18	19	18	18	17	16
6	18	18	18	17	17	16	16	15	15	15	15	15	15	16	16	15	15	15	15	16	16	16	16	16	16
7	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
8	23	23	23	24	24	25	25	25	25	24	24	23	24	25	25	25	26	27	28	29	30	28	28	27	25
9	25	24	24	24	24	24	25	25	25	24	24	24	24	25	25	25	25	25	25	25	25	25	25	25	24
10																									
11																									
12																									
13																									
14	17	18	17	17	17	17	17	17	16	15	15	14	15	15	16	17	17	18	19	19	19	18	19	17	17
15	17	18	18	19	19	19	20	21	20	19	18	17	16	16	15	16	16	17	17	18	19	19	19	18	18
16	18	17	17	18	18	21	23	22	22	20	18	17	17	18	16	17	18	18	18	22	21	21	20	19	19
17	18	18	18	19	18	20	21	19	19	20	20	18	17	17	17	16	17	21	21	21	30	32	28	25	20
18	21	19	19	25	28	31	32	22	20	20	18	17	16	15	15	16	16	17	18	19	19	20	19	20	20
19	19	19	20	20	23	23	25	23	22	21	20	19	18	18	19	19	18	19	20	21	22	21	22	26	21
20	24	25	21	21	23	25	29	23	20	20	19	18	17	17	17	20	19	19	21	24	27	23	22	21	21
21	19	18	17	18	18	19	19	19	18	17	16	16	16	16	16	17	17	19	19	19	18	19	19	18	18
22	20	22	24	25	26	26	26	27	26	28	29	30	29	27	24	23	22	21	22	27	32	34	35	34	27
23	34	33	30	29	28	28	28	28	24	21	19	18	19	19	19	19	19	19	19	19	19	19	19	19	19
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	20	20	20	20	21	21	22	21	20	19	19	19	19	18	18	19	18	19	19	21	22	22	21	21	20

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19	17	21	21	22	25	23	22	24	25	0.000
21	23	24	20	18	19	20	19	19	19	19	17	19	16	16	16	16	18	17	18	21	23	22	21	21	19
22	21	19	18	18	17	17	17	16	16	16	16	17	16	15	17	17	17	17	17	18	19	19	20	17	
23	19	20	22	20	20	89	49	26	21	17	17	17	18	20	17	18	21	22	21	21	20	20	19	24	
24	19	19	18	18	18	18	18	19	21	19	18	18	19	19	19	17	17	17	19	19	20	20	22	19	
25	23	25	24	23	23	22	22	22	21	21	20	20	18	17	18	0.000	13	13	14	14	18	21	18	16	19
26	17	17	17	17	16	16	17	17	17	17	16	14	13	18	14	13	13	16	17	17	16	17	15	15	16
27	16	16	17	17	17	17	15	13	12	13	11	11	12	11	13	12	11	12	11	12	12	13	15	18	14
28	20	19	18	17	17	19	15	16	15	12	12	13	12	10	9	9	10	10	10	12	13	22	14	13	14
29	13	12	12	12	11	11	12	12	12	12	13	12	10	9	12	11	12	14	0.000	0.000	0.000	0.000	0.000	0.000	12
30												- DATA MISSING -													
MEAN	19	19	18	18	18	25	20	18	17	16	16	16	15	15	15	14	15	16	16	18	18	20	18	19	17
PERCENTAGE OF DATA VALID -	30																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22	21	19	17	16	17	17	18	22	27	27	25	24	0.000
2	24	24	23	23	23	25	25	24	26	23	22	23	26	25	24	22	21	21	18	19	18	19	22	22	23
3	19	17	18	17	15	15	14	15	18	22	22	18	18	16	15	15	16	16	18	21	19	20	19	18	18
4	17	18	17	17	19	20	21	21	24	27	25	0.000	17	18	18	19	21	22	23	21	22	20	20	19	18
5	18	17	17	16	17	19	20	18	16	17	15	15	16	18	18	18	19	19	19	19	19	18	18	17	18
6	16	16	16	16	16	18	16	16	15	15	15	15	15	15	16	17	19	21	21	21	22	21	19	17	17
7	17	17	16	15	15	16	16	16	13	13	12	12	12	12	13	14	14	16	23	26	29	38	42	33	19
8	30	26	21	19	18	18	20	19	16	14	13	13	14	13	13	13	12	14	18	22	21	19	19	21	18
9	27	27	22	19	20	23	22	26	24	23	16	15	14	13	13	13	15	18	23	37	51	53	41	28	24
10	21	18	18	20	20	16	16	15	13	13	17	13	14	14	13	14	14	14	15	15	15	15	15	16	16
11	15	16	15	15	15	16	17	0.000	0.000	0.000	18	18	18	17	17	17	19	20	22	25	29	33	40	42	21
12	30	24	21	19	19	19	19	21	24	24	21	20	20	17	18	18	18	18	0.000	23	27	26	25	22	21
13	21	22	21	22	22	22	23	22	23	23	23	23	22	22	22	21	22	22	21	21	21	19	19	19	22
14	19	19	19	19	19	19	19	20	20	17	16	14	14	14	14	15	14	15	15	16	18	17	17	17	17
15	16	16	16	16	16	17	19	20	21	18	0.000	0.000	0.000	19	19	20	19	20	20	22	23	23	22	22	19
16	22	22	21	20	20	20	20	20	20	18	15	15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
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26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
31												- DATA MISSING -													
MEAN	21	20	19	18	18	19	19	20	20	19	18	17	17	17	17	17	17	18	20	22	24	25	24	22	19
PERCENTAGE OF DATA VALID -	47																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN																									

PERCENTAGE OF DATA VALID - 0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MEMORIAL PK,CORNWALL

NO 56051

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	22	31	75
FEB	12	25	34	44
MAR	18	16	22	37
APR	30	13	22	31
MAY	14	15	19	29
JUN	25	17	23	50
JUL	22	17	24	35
AUG	20	20	27	35
SEP	10	17	24	89
OCT	16	19	24	53
NOV	1	24	0	25
DEC	DATA MISSING			
YEAR	190	18	34	89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	139	350	19	1	0	0	0	509
FEB	0	59	126	54	0	0	0	0	239
MAR	18	339	43	2	0	0	0	0	402
APR	188	434	64	2	0	0	0	0	688
MAY	37	244	22	0	0	0	0	0	303
JUN	8	434	119	3	0	0	0	0	564
JUL	51	267	148	5	0	0	0	0	471
AUG	0	253	153	9	0	0	0	0	415
SEP	8	157	52	1	1	0	0	0	219
OCT	0	208	135	10	0	0	0	0	353
NOV	0	0	4	0	0	0	0	0	4
DEC	DATA MISSING								
YEAR	310	2534	1216	105	2	0	0	0	4167

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
51	5	10.7	14.3	16.7	19.3	23.9	26.9	31.6	35.6	89	17.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	18	18	18	19	18	17	17	17	16	16	16	17	17	16	16	17	17	17	17	17	17
2	17	17	17	17	16	17	17	17	17	24	20	21	21	21	21	20	20	19	20	20	20	20	20	21	19
3	21	21	20	20	19	19	19	21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18	27	27	27	27	27	27	27	28	30	30	31	31	32	32	31	31	31	29	28	26	26	26	26	26	28
19	25	25	25	25	25	25	25	27	31	***	35	35	33	33	32	31	23	19	17	18	18	18	17	17	25
20	17	17	19	18	19	19	19	19	19	19	20	21	20	21	21	21	22	22	22	23	23	23	25	26	21
21																									
22	26	28	30	29	27	25	25	27	27	25	24	24	22	22	22	23	24	24	23	25	24	23	23	23	25
23	20	20	19	18	18	17	17	18	19	***	22	22	21	23	23	23	27	29	27	25	25	25	24	22	22
24	21	21	21	21	21	21	21	22	23	23	23	21	21	19	17	17	17	17	17	18	17	16	15	15	19
25	15	15	16	16	16	16	16	17	17	19	***	19	21	21	21	21	21	24	23	21	20	20	20	21	19
26	21	21	20	20	20	20	21	21	21	21	21	21	21	22	22	23	23	25	22	22	21	21	23	23	22
27	26	31	29	29	29	26	25	31	48	***	33	28	25	25	25	27	28	29	27	25	24	25	24	23	28
28	23	21	20	19	18	18	17	17	19	17	18	18	18	17	17	16	18	17	17	17	17	17	17	16	18
29	17	17	17	18	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	18
30	17	18	17	17	17	17	18	18	19	19	41	78	33	24	22	22	25	25	23	21	21	19	19	19	24
31	19	19	19	19	19	17	17	17	19	19	18	19	19	20	19	19	19	21	20	18	17	18	17	19	19
MEAN	20	21	21	21	20	20	20	21	23	21	25	27	23	23	22	22	23	23	22	21	21	21	20	20	22

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	13	13	12	12	13	14	15	16	16	15	15	16	16	17	19	19	18	18	18	17	17	17	16
2	17	17	17	17	17	17	19	21	22	23	22	24	23	21	21	22	21	21	18	18	19	17	15	15	19
3	15	15	15	16	17	17	15	15	15	16	16	17	17	17	17	17	17	17	16	17	17	17	17	18	16
4	17	17	17	16	15	15	15	16	16	17	16	16	16	16	15	15	15	13	13	12	12	11	11	11	15
5	11	11	11	11	11	11	13	14	15	39	41	17	15	15	16	16	17	20	20	20	17	15	17	17	17
6	15	14	14	15	15	14	15	17	20	19	19	17	17	17	17	18	18	21	20	21	21	21	20	21	18
7	21	20	19	19	18	19	18	18	17	18	***	17	17	17	16	15	16	17	17	15	14	15	14	14	17
8	15	14	13	13	13	13	14	15	16	18	17	16	16	16	17	16	15	15	17	16	15	15	15	15	15
9	15	15	17	16	17	18	18	17	17	18	18	18	17	19	19	18	17	19	18	18	17	17	17	16	17
10	17	17	17	15	15	15	16	16	17	17	17	17	17	17	17	17	19	21	20	21	22	22	21	21	18
11	20	20	19	19	19	19	18	18	18	18	18	17	19	19	19	18	19	21	22	22	21	21	22	24	20
12	24	21	19	19	18	17	19	24	27	24	***	13	13	13	13	15	22	23	21	21	22	26	27	27	20
13	23	24	23	19	20	19	19	21	26	33	47	39	29	25	23	25	27	27	28	36	30	22	26	41	27
14	33	25	23	17	18	19	20	21	23	25	***	19	13	13	13	12	12	12	11	11	10	9	9	9	16
15	11	11	11	11	10	10	10	10	10	11	11	11	12	12	12	11	11	10	10	10	11	10	11	10	11
16	14	14	14	14	14	14	14	15	15	14	13	11	15	15	15	15	13	13	13	12	11	12	11	12	13
17	11	11	11	11	11	11	11	12	12	11	12	11	18	17	15	15	15	15	15	15	15	15	15	15	13
18	19	19	21	19	19	19	19	19	19	19	19	19	24	22	22	22	22	23	23	23	23	23	22	22	21
19	25	24	25	25	23	23	22	22	22	22	22	17	18	18	17	17	19	19	19	18	16	13	12	12	20
20	14	14	14	14	13	13	13	13	13	13	13	13	17	18	18	17	22	26	26	25	25	23	21	21	17
21	25	22	23	21	20	19	18	19	20	21	19	18	20	22	18	19	19	19	19	25	19	19	19	17	20
22	18	17	17	17	17	16	16	17	19	***	15	15	14	13	13	13	13	14	21	27	29	25	17	17	
23	27	25	24	19	18	21	17	14	13	15	15	15	19	19	17	16	16	17	17	16	16	16	16	16	18
24	18	19	17	17	17	16	15	15	15	15	15	14	19	19	19	17	19	18	18	18	17	17	17	17	17
25	20	21	22	22	22	19	19	19	20	19	23	22	22	21	20	20	22	23	23	25	23	23	23	22	21
26	24	23	22	21	20	20	21	21	22	***	***	15	14	15	13	13	13	14	15	14	14	15	15	18	17
27	18	15	12	11	11	11	10	10	11	12	11	11	15	12	13	14	14	14	12	12	12	12	12	11	12
28	13	13	13	13	11	11	11	13	13	***	15	13	17	17	16	16	19	19	19	18	17	17	23	19	15
MEAN	18	18	17	16	16	16	16	17	17	19	19	17	17	17	17	17	18	18	18	18	18	18	18	18	17

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	16	16	16	17	16	17	16	17	17	15	16	17	18	18	18	22	22	20	18	17	17	18	17
2	17	16	16	15	15	15	16	16	18	19	19	20	19	20	22	22	21	21	21	20	18	17	17	18	18
3	18	18	17	18	19	18	18	19	21	23	23	23	22	21	23	23	23	23	22	21	21	20	19	21	
4	19	19	18	19	20	17	16	17	17	17	16	16	15	15	15	14	13	13	12	12	12	12	13	13	15
5	12	12	14	14	13	13	13	13	13	13	13	12	12	12	13	15	15	14	13	13	12	11	11	11	13
6	11	11	11	11	11	13	15	15	17	17	17	18	19	17	17	19	21	22	25	25	24	22	19	18	17
7	17	16	15	15	15	15	16	17	17	17	17	18	19	17	17	17	19	19	19	18	19	19	19	21	17
8	18	17	17	16	16	16	17	17	17	17	17	16	16	17	18	19	17	15	17	15	13	13	13	14	16
9	14	14	13	13	15	15	15	15	14	14	14	15	14	15	15	15	16	19	17	17	18	17	17	16	15
10	17	17	16	15	15	15	15	15	15	15	16	17	17	17	17	16	17	18	18	18	20	20	17	18	17
11	17	17	17	17	17	17	17	17	17	17	22	23	20	20	20	19	20	22	21	21	21	21	20	22	19
12	21	20	19	20	20	20	18	17	18	18	16	15	16	16	17	16	16	16	16	17	17	16	16	17	17
13	17	15	15	16	15	16	19	19	18	20	19	19	15	15	17	18	18	18	17	17	17	17	15	16	17
14	16	16	16	16	13	13	14	15	16	16	16	16	16	15	15	15	15	14	13	13	13	13	13	14	15
15	13	12	14	13	12	12	13	17	19	19	19	17	17	17	18	17	16	14	14	15	15	15	13	13	15
16	13	13	13	13	12	11	11	12	12	13	13	13	14	14	14	14	15	15	14	14	13	13	13	12	13
17	12	12	12	11	11	11	11	11	11	11	11	11	10	10	10	10	9	9	8	9	9	9	8	8	10
18	9	9	9	9	9	8	8	9	9	9	9	13	11	10	10	10	9	10	10	10	10	10	9	11	10
19	11	10	10	10	11	11	11	11	11	11	13	14	14	13	13	13	14	14	14	13	13	13	13	14	12
20	13	14	14	14	13	13	13	13	14	14	14	14	13	13	13	12	12	10	10	10	9	9	8	8	12
21	9	9	8	8	9	8	9	9	9	9	9	16	17	17	17	16	17	15	15	15	15	14	13	13	
22	12	13	13	13	13	13	15	14	13	13	13	16	17	17	17	16	17	15	15	15	15	15	14	13	13
23	19	19	19	19	19	18	18	18	18	18	19	25	25	25	25	25	24	22	21	20	20	20	21	21	20
24	19	19	19	19	19	18	18	18	18	18	19	25	25	25	25	25	24	22	21	20	20	20	21	21	20
25	20	19	20	20	21	21	21	23	23	23	23	23	23	21	21	21	20	19	20	24	24	23	23	22	22
26	17	16	17	16	16	16	17	17	17	17	17	14	12	12	13	13	14	14	13	13	13	13	13	13	14
27	13	13	14	14	13	13	14	14	15	15	15	15	15	15	17	18	19	18	17	17	17	17	16	16	15
28	15	15	15	15	17	19	17	17	17	19	19	18	17	17	18	17	17	16	15	17	20	17	17	18	17
29	19	18	17	15	14	14	14	15	17	17	17	17	17	17	17	17	17	17	17	31	28	27	22	19	17
30	17	16	15	15	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
31	- DATA MISSING -																								
MEAN	15	15	15	15	15	15	15	15	16	16	17	17	17	16	17	17	17	17	16	17	17	16	16	16	16

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA MISSING -																								
2	15	15	16	16	16	16	16	16	16	16	15	15	16	16	16	15	15	17	15	15	15	15	15	15	15
3	16	15	17	17	17	17	17	17	17	17	16	15	17	17	20	17	17	17	17	17	17	17	17	17	17
4	14	13	12	11	11	11	11	11	11	11	14	13	12	11	11	11	11	13	13	12	13	13	13	13	13
5	13	13	12	12	12	11	11	11	11	11	13	13	14	13	13	13	13	13	13	13	13	13	13	13	12
6	14	14	15	15	15	15	15	15	15	15	14	14	15	15	14	14	14	13	14	13	14	14	14	14	14
7	15	14	14	13	13	13	13	14	14	14	16	16	15	15	15	14	14	14	14	14	14	14	14	14	14
8	15	15	15	15	15	15	15	15	15	15	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15
9	12	13	13	13	13	13	13	13	13	13	12	13	13	13	13	12	12	12	12	12	12	12	12	12	12
10	14	13	13	13	13	13	13	13	13	13	14	13	14	14	14	13	13	13	13	13	13	13	13	13	13
11	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12	14	15	14	15	14	13	13	12	11	11	12	12	14	15	15	15	15	14	14	14	15	16	15	15	14
13	17	15	15	15	17	17	17	17	17	17	17	17	17	17	17	17	17	15	15	15	15	15	15	15	16
14	16	16	16	16	17	17	17	17	17	17	16	16	17	17	18	18	18	18	18	17	18	17	17	16	17
15	17	17	17	17	17	17	17	17	17	17	16	16	17	19	19	19	19	17	17	18	19	19	19	19	18
16	19	19	19	19	19	20	19	19	19	19	22	22	20	20	20	20	19	19	19	17	18	19	18	17	19
17	15	16	16	16	17	17	17	17	17	17	18	17	18	18	18	17	17	17	17	16	16	17	17	17	17
18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
19	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
20	15	15	15	15	17	16	14	14	15	15	17	15	14	15	15	17	18	18	19	21	21	20	21	22	17
21	24	23	22	23	23	22	23	22	25	24	23	24	25	25	25	25	24	24	25	26	25	26	25	24	24
22	21	23	23	23	23	22	22	21	22	22	21	23	22	23	23	22	21	21	21	19	20	19	19	22	22
23	20	20	19	20	20	20	19	18	18	17	17	17	15	17	17	17	15	17	17	17	15	15	14	15	17
24	15	16	16	15	15	17	15	17	19	19	19	11	12	13	12	12	12	12	13	13	12	11	12	11	14
25	11	11	9	12	13	14	15	13	13	14	14	13	13	17	16	15	17	16	15	14	14	14	16	19	14
26	14	12	11	13	13	13	13	13	13	14	14	14	15	17	18	20	21	21	17	17	17	15	15	16	15
27	17	15	16	16	15	15	15	17	16	18	17	16	15	15	15	15	13	15	13	15	15	13	13	14	15
28	14	13	15	14	14	15	15	17	15	15	15	15	15	14	15	13	14	15	14	15	15	15	15	15	15
29	15	15	17	17	17	17	16	16	15	16	16	17	17	17	17	17	19	19	17	17	17	17	17	17	17
30	17	17	15	15	17	17	17	17	17	17	17	13	12	13	14	13	12	13	14	14	14	12	13	13	14
MEAN	16	16	16	16	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

UNITS - PARTS PER TEN MILLION

MONTH MAY 73

MONTH MAY 73

PERCENTAGE OF DATA VALID - 99

UNITS - PARTS PER TEN MILLION

UNITS - PARTS PER TEN MILLION

UNITS - PARTS PER TEN MILLION

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
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11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	21	21	22	23	21	20	19	18	19	18	18	17	19
28	18	18	18	18	17	17	19	21	19	18	18	18	20	20	20	21	20	20	19	18	18	18	17	17	19
29	18	18	18	18	17	16	17	16	17	16	17	16	19	19	19	18	19	18	18	18	19	20	19	19	18
30	19	19	18	18	18	19	19	19	18	19	19	18	21	22	22	21	20	20	19	19	19	19	18	18	19
MEAN	18	18	18	18	17	17	18	19	18	18	18	18	20	21	21	21	20	20	19	18	19	19	18	18	19

PERCENTAGE OF DATA VALID - 11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	23	22	22	23	21	21	27	25	20	19	18	20	20	20	20	20	20	20	20	23	29	23	20	22
2	20	20	19	20	21	21	20	20	20	23	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20
3												- DATA MISSING -													
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22	22	24	22	22	21	22	22	22	21	18	15	14	16
5	17	16	16	15	16	15	15	15	16	16	16	16	18	17	17	17	17	17	17	17	17	16	16	16	16
6	17	17	16	16	16	17	18	19	19	17	16	17	18	18	18	18	18	19	20	20	20	20	20	19	18
7	19	19	21	21	19	18	18	19	19	18	19	19	20	20	22	20	20	19	19	20	20	23	21	22	20
8	24	23	23	22	21	19	20	20	19	20	18	17	19	20	22	22	23	22	22	25	26	26	23	27	22
9	26	20	18	18	17	18	19	20	23	20	24	22	21	21	21	21	21	21	21	20	27	32	26	25	22
10	26	23	22	21	23	22	22	23	23	22	22	23	26	25	23	23	23	23	23	23	20	19	18	17	22
11	19	18	18	18	18	18	19	20	20	19	19	19	19	18	18	20	20	20	20	20	21	21	22	19	
12	23	21	20	19	19	19	19	18	20	19	19	17	18	18	17	17	17	17	17	17	16	16	15	18	
13	16	15	16	15	15	15	15	15	16	16	15	15	15	17	18	17	18	18	15	15	14	12	12	11	15
14	12	12	12	12	11	11	11	11	10	10	10	10	12	12	12	12	11	12	12	12	11	12	12	11	11
15	13	13	13	13	13	12	12	13	12	11	12	11	11	15	14	13	13	13	13	13	12	12	12	13	13
16	13	13	13	13	13	13	12	13	13	12	12	12	14	14	14	14	13	13	13	13	14	13	13	12	13
17	12	12	12	13	13	12	12	13	13	13	13	13	12	12	12	11	12	12	11	11	11	11	12	12	12
18	12	12	12	13	13	13	13	14	14	14	12	12	12	14	13	13	13	13	13	14	12	12	13	12	13
19	14	13	13	13	13	13	15	15	15	15	14	14	19	18	17	17	17	17	17	17	17	17	17	17	17
20												- DATA MISSING -													
21												- DATA MISSING -													
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	19	19	19	18	18	18	18	17	17	17	16	18	18
23	25	20	18	17	16	16	16	18	19	17	18	18	21	22	22	21	20	19	18	18	17	14	16	16	18
24	15	15	15	15	15	16	16	16	16	16	16	17	20	20	21	22	21	20	22	22	22	21	20	20	19
25	18	17	19	19	19	20	21	22	21	18	18	18	18	17	16	16	16	16	17	17	17	16	15	18	18
26	17	16	16	16	15	15	15	15	13	13	13	13	16	15	14	13	13	14	13	13	14	14	14	13	14
27	13	13	13	12	13	13	12	12	12	12	12	12	16	15	15	15	15	16	15	16	16	15	15	15	14
28	15	15	15	15	15	15	14	14	14	14	14	13	15	14	14	14	14	14	14	14	14	14	13	14	14
29	13	13	13	13	13	13	13	13	13	13	13	14	14	14	13	13	13	13	12	11	13	12	11	10	13
30	12	12	12	11	11	11	11	11	11	13	12	11	12	12	11	14	14	13	12	13	14	12	13	12	12
31	12	12	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
MEAN	17	16	16	16	16	16	16	16	16	16	16	16	18	17	17	17	17	17	17	17	17	16	16	17	

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	7	7	7	6	5	6	5	5	5	6	13	11	11	11	11	11	10	10	10	10	10	10	10	10	9
29	10	10	10	11	11	10	10	10	10	11	10	10	11	11	11	11	10	10	10	10	10	10	10	11	10
30	11	11	11	11	11	11	11	11	11	19	18	18	17	17	18	18	17	17	18	16	16	16	16	17	15
MEAN	9	9	9	9	9	9	9	9	9	15	14	13	13	13	13	13	12	12	13	12	12	12	12	13	11

PERCENTAGE OF DATA VALID - 9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	18	17	17	17	17	17	17	17	18	18	18	18	18	18	19	19	20	21	24	25	25	28	19
2	27	23	19	18	17	17	17	17	17	17	18	18	18	19	19	19	19	19	18	18	18	18	19	18	19
3	18	18	18	18	18	18	18	20	24	33	34	30	29	27	27	26	24	24	22	21	21	20	20	23	
4	18	19	18	18	18	18	18	18	18	19	19	19	18	18	18	18	18	18	18	18	17	17	17	18	
5	17	17	17	17	17	17	17	17	18	21	19	20	20	21	23	25	26	27	25	23	23	22	21	20	20
6	19	19	19	18	18	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	
7	18	17	17	17	17	17	17	18	18	18	19	20	19	19	19	23	20	20	19	19	19	19	19	19	19
8	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	18
9	19	19	19	18	18	18	18	17	17	17	17	18	19	19	19	19	19	19	19	19	19	19	19	19	18
10	18	18	18	18	18	18	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17	18	16	15	15	17	16	16	17	17	18	16	16	16	17	17	17	19	19	19	19	18	15	15	15	17
18	18	17	18	17	17	17	18	21	29	33	24	20	20	20	20	20	20	20	20	20	20	20	20	20	20
20															16	16	16	16	15	15	15	14	14	13	
21	13	13	12	12	12	12	12	12	13	13	16	16	16	16	15	15	16	17	15	15	15	15	14	15	14
22	16	16	16	15	15	16	17	16	17	18	18	20	19	18	18	18	18	17	17	17	16	16	15	15	17
23	16	17	15	14	14	15	15	15	15	15	16	16	16	16	16	17	18	23	18	17	17	16	18	18	16
24	18	18	17	17	17	17	17	18	21	18	18	18	18	17	19	18	20	20	19	19	18	18	17	17	18
25	17	17	16	16	15	15	15	15	15	15	15	15	16	16	17	20	17	17	16	16	17	17	17	16	16
26	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	15	15	15	15	15	16	16
27																									
28	16	16	16	16	16	16	16	17	17	17	17	16	16	16	16	16	16	16	17	17	17	17	17	16	16
29	17																								
30																									
31										18	17	18	18	18	19	19	18	19	18	19	21	20	19	17	
MEAN	18	17	17	17	17	17	17	17	18	18	18	19	18	18	18	19	19	18	18	18	18	18	18	18	18

PERCENTAGE OF DATA VALID - 63

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	18	22	28	78
FEB	28	17	27	47
MAR	30	16	22	31
APR	29	16	24	26
MAY	31	18	29	41
JUN	24	23	31	52
JUL	31	23	29	40
AUG	15	27	30	38
SEP	4	19	19	23
OCT	28	17	22	32
NOV	3	11	15	19
DEC	24	18	23	34
YEAR	265	19	31	78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	174	196	30	1	0	0	0	401
FEB	16	486	155	8	0	0	0	0	665
MAR	52	503	107	1	0	0	0	0	663
APR	1	482	68	0	0	0	0	0	551
MAY	2	526	199	11	0	0	0	0	738
JUN	0	195	270	67	0	0	0	0	532
JUL	0	75	620	20	0	0	0	0	715
AUG	0	3	295	42	0	0	0	0	340
SEP	0	64	21	0	0	0	0	0	85
OCT	8	439	157	1	0	0	0	0	605
NOV	33	38	0	0	0	0	0	0	71
DEC	0	417	56	3	0	0	0	0	476
YEAR	112	3402	2144	183	1	0	0	0	5842

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
66	5	12.5	15.9	17.9	20.6	25.4	28.2	31.5	33.7	78	19.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	3	2	0.000	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
2	2	2	1	2	2	3	3	0.000	4	3	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3
3	3	3	4	3	3	3	3	0.000	0.000	0.000	0.000	0.000	3	3	3	3	3	3	3	3	3	4	3	3	3
4	3	2	2	2	3	3	3	0.000	0.000	0.000	0.000	3	3	4	3	2	2	3	3	4	3	3	4	4	3
5	3	3	2	2	2	2	2	0.000	2	0.000	0.000	0.000	2	2	2	2	3	3	3	3	2	2	2	2	2
6	2	3	3	3	3	3	3	0.000	3	3	3	3	1	1	2	2	2	3	3	3	3	4	4	4	3
7	4	4	4	4	3	3	4	0.000	3	3	3	3	2	1	2	2	2	3	3	3	3	2	2	2	3
8	3	3	3	2	2	2	3	0.000	3	3	3	2	2	2	3	3	4	4	4	5	4	4	4	5	3
9	5	4	4	3	4	3	3	0.000	3	3	2	2	2	2	2	2	3	3	3	3	3	3	4	4	3
10	4	4	5	4	4	4	4	0.000	4	3	3	3	2	3	0.000	0.000	0.000	0.000	4	4	4	4	4	4	4
11	3	3	3	3	3	3	3	0.000	3	3	3	3	2	0.000	0.000	0.000	2	3	3	3	3	3	3	2	3
12	3	3	3	3	3	3	3	0.000	3	3	3	3	2	2	2	2	3	3	0.000	0.000	0.000	3	3	3	3
13	3	3	3	3	3	3	3	0.000	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
14	2	3	3	2	2	2	2	0.000	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	1	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	2	3	3	2	2	2	2	2	2	2	2
16	1	2	2	2	2	2	2	0.000	2	2	2	1	2	1	1	1	3	2	2	2	2	2	3	3	2
17	2	2	2	2	2	2	2	0.000	2	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3
18	DATA MISSING												2	2	2	3	3	3	3	3	3	3	3	3	3
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	2	2	2	2	2	2	2	2	2
20	2	2	1	1	1	1	1	0.000	1	1	2	2	2	1	1	1	1	1	2	2	2	2	1	2	1
21	3	3	3	2	1	1	2	0.000	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
22	1	1	1	1	1	2	2	0.000	0.000	0.000	0.000	0.000	1	3	2	2	2	2	2	2	2	1	1	1	1
23	1	1	1	1	2	2	2	0.000	0.000	0.000	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	3	4	4	4	3	3	4	4	3
25	4	4	3	3	3	3	3	0.000	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	0.000	3	3	3	3	4	5	5	5	5	6	6	6	6	6	6	6	6
27	3	3	3	3	3	3	3	0.000	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	1	1	1	2	2	2	2	2	2	2	2	2
29	3	3	3	3	2	3	3	0.000	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
30	3	3	3	3	2	3	3	0.000	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	4	3	2	2	0.000	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2
MEAN	3	3	2	2	2	2	3	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	0.000	2	2	0.000	0.000	0.000	0.000	1	2	2	2	2	3	3	3	2	1	2
2	2	2	2	1	1	1	2	0.000	1	2	0.000	0.000	0.000	3	3	2	2	2	2	2	2	2	1	2	2
3	1	1	1	1	1	1	1	0.000	1	1	1	1	1	2	2	2	3	3	3	2	2	2	3	3	2
4	2	2	2	2	2	2	2	0.000	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	0.000	0.000	0.000	1	1	1	1	1	2	2	2	1	1	1	1	0.000
6	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2
7	2	2	2	2	2	2	2	0.000	2	2	0.000	0.000	0.000	2	2	2	2	3	3	3	3	2	2	2	2
8	2	2	2	2	2	1	2	0.000	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	0.000	4	4	4	3	2	3	2	3	3	3	3	3	3	3	3	3	3
10	3	3	3	4	4	4	3	0.000	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2
11	2	1	1	1	1	1	2	0.000	2	1	1	1	1	1	0	0	1	1	1	2	2	2	2	2	1
12	2	2	2	1	1	1	2	0.000	2	2	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14	3	3	3	3	3	3	3	0.000	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	3	3	3	4	3	3	3	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	2	2	2	0.000	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	3	3	3	4	3	3	3	0.000	4	4	4	5	5	5	3	3	3	3	3	3	3	3	3	3	3
18	5	5	5	6	5	5	4	0.000	4	4	3	3	3	3	2	2	3	4	4	4	4	4	4	4	4
19	3	3	3	3	3	3	3	0.000	2	0.000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
20	3	3	3	2	2	2	3	0.000	1	2	3	3	2	2	2	2	2	2	2	3	3	3	3	4	2
21	3	3	3	2	3	2	2	0.000	0.000	0.000	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	3	0.000	4	4	2	2	3	2	3	3	3	4	4	4	4	4	4	4	4
23	3	3	3	3	3	3	3	0.000	3	3	2	2	3	3	3	5	5	6	6	6	6	6	6	6	6
24	3	3	3	3	3	3	3	0.000	3	2	1	2	2	2	2	2	3	4	4	4	4	4	4	4	4
25	2	2	2	2	1	1	1	0.000	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3
26	3	3	3	3	2	2	2	0.000	3	3	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	0.000	4	3	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4
28	7	7	7	7	7	7	6	0.000	0.000	0.000	0.000	0.000	1	2	2	4	4	4	5	6	4	3	2	2	5
MEAN	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZWAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	5	4	3	3	3	4	5	4	3	3	4	4	5	4	5	5	5	5	4	5	5	5	4
2	5	5	5	4	3	3	3	4	5	4	3	3	4	4	5	4	5	5	5	5	4	5	5	5	4
3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	1	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	1	3	3	3	2	2	3	1
11	2	1	1	0	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
19	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	2	2	3	3	3	3	1	1	1	2	1	1	2	2	1	2	2	2	2	2	2	2
22	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	4	3	3	3	3	4	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	4	4	5	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	4	2	2	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	3	3	2	2	2	2
MEAN	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	2

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZWAN

UNITS PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	3	3	3	3	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	3	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	5	5	5	5	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	4	4	4	4	6	6	7	9	4	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
15	7	7	7	7	7	7	7	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	3	3	3	3	2	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	3	6	6	4	3	3	4	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	4	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	4	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	1	1	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
2	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	2	2	2	2	3	3	3	1	2	1	3	3	3	5	6	6	6	5	5	5	4	5	3
4	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	5	4	4	4	4	4	3	3	3	2	1	0	0	0	2	2	2	2	2	3	5	6	5	5	3
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	0	0	0	1	0	1	2	7	8	6	3	3	4	4	3	3	2	2	2	2	2	2
23	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	5	3	3	4	4	2	2	5	5	5	5	5	3	3	3	3	4	5	7	7	6	7	4
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	2	1	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	6	5	4	5	3	4	4	4	4	5	4	4	2	1	1	0	1	1	1	2	3	4	4	4	3
11	4	4	4	3	4	4	3	3	3	3	3	2	1	1	1	2	2	2	2	3	6	6	6	4	3
12	7	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	3	1	1	1	1	1	2	2	2	3	3	2	2	2	5	4	4	4	5	4	4	6	9	9	3
14	10	10	9	8	7	7	8	9	5	4	4	3	2	1	3	1	1	1	1	1	3	4	3	3	5
15	3	4	4	3	1	3	5	2	2	1	1	1	1	1	3	2	1	1	1	2	2	3	4	3	2
16	2	2	2	2	3	2	3	3	3	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2
17	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	1	1	1	1	1	2	2	2	4	4	4	4	3	1	1	4	4	3	3	2	3	2	1	2
19	1	1	0	1	1	1	2	2	2	1	1	0	0	1	2	2	1	1	1	1	1	1	1	1	1
20	2	3	3	3	1	3	2	2	2	1	2	1	1	1	1	2	2	1	2	2	4	5	5	5	2
21	4	5	5	4	3	3	3	3	4	4	4	2	2	2	2	3	3	2	2	4	4	5	5	4	3
22	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	0	1	2	2	1	1	1	1	1	3	3	3	3	2	1	5	4	4	4	3	1	1	1	0	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	4	4	4	3	3	3	4	4	5	6	5	5	4	4	4	4	3	3	3	5	7	7	7	6	5
MEAN	3	3	3	3	2	3	3	0	3	3	3	2	2	2	2	2	2	2	2	3	3	4	4	3	3

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	4	3	4	6	6	2	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2
2	4	4	3	3	3	4	4	6	6	3	1	2	2	2	0	0	0	0	1	2	5	2	2	2	3
3	5	4	3	3	3	4	4	5	6	3	6	4	3	3	3	3	5	1	6	6	5	6	6	5	4
4	4	4	3	3	3	4	4	5	6	3	3	3	3	3	3	3	2	2	3	6	4	4	4	4	3
5	2	2	3	4	4	4	4	4	4	3	3	2	2	2	2	2	2	2	3	3	4	3	4	4	3
6	6	6	6	5	5	5	6	6	8	5	5	5	4	6	3	3	3	3	3	3	4	3	4	4	3
7	5	5	5	3	3	5	5	5	6	5	3	2	2	0	0	1	1	1	2	2	3	3	3	3	3
8	3	3	2	3	4	2	2	4	4	3	2	1	1	1	1	1	1	1	1	3	4	5	5	2	2
9	3	3	2	1	1	1	2	4	3	2	2	2	1	2	2	2	2	4	3	3	2	3	2	2	3
10	2	1	2	1	3	3	4	4	4	4	2	2	5	5	3	3	3	3	2	2	2	2	2	1	3
11	1	1	2	2	1	2	2	4	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
12	3	3	2	2	3	3	3	4	4	4	4	3	4	3	3	3	3	3	3	3	3	2	3	3	3
13	3	6	5	4	4	5	5	5	5	5	5	2	3	2	2	2	2	2	2	4	5	4	4	5	4
14	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	4	4	4	4	2
15	4	3	3	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	4	3	3	3	3	3	4	4	6	5	3	2	2	2	2	2	1	2	3	2	3	4	4	4	4
17	4	3	3	3	3	3	4	4	6	5	3	2	2	2	1	1	2	3	1	2	3	5	5	5	3
18	5	5	5	5	5	5	5	5	5	2	1	2	2	0	0	1	1	1	1	1	4	4	4	3	3
19	4	4	4	3	3	6	6	6	8	10	6	2	2	2	1	2	1	1	1	2	2	2	2	2	3
20	3	3	3	4	5	5	6	6	8	6	5	7	5	6	5	5	4	3	3	3	3	5	3	3	4
21	2	2	2	1	1	1	2	2	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1	3	1
22	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1
23	1	0	0	0	0	1	0	0	2	2	2	2	2	1	2	2	2	2	2	1	2	1	2	1	1
24	1	1	2	1	1	3	4	4	7	7	7	2	2	3	1	1	0	0	1	1	1	2	2	2	2
25	2	1	1	1	2	3	3	3	7	7	7	5	3	3	1	1	1	1	1	0	1	3	4	4	3
26	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	4	4	4	4	3
27	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	3	3	3
28	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	3	3	3
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	3	2	1	2
30	1	1	2	1	1	2	2	4	4	5	4	4	3	2	2	2	2	1	1	2	4	3	3	2	2
31	1	1	1	2	2	2	2	4	4	4	4	4	3	2	2	2	2	2	3	3	3	2	2	2	2
MEAN	3	3	3	2	3	3	3	6	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	1	1	2	1	2	4	4	1	2	1	5	8	6	7	7	5	3	4	5	6	6	5	4
2	5	5	4	3	3	3	3	3	4	3	3	3	3	2	2	3	3	3	3	4	4	4	3	3	3
3	2	1	1	2	3	3	3	2	2	2	2	2	3	3	3	3	4	3	3	5	7	9	9	4	4
4	9	6	5	4	6	6	6	6	13	9	3	1	1	1	1	1	1	1	1	3	6	7	8	5	5
5	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6	3	4	3	3	3	3	3	2	3	4	3	2	2	2	2	2	2	0	1	2	2	2	2	3	3
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	5	5	4	3	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	4	4	4	5	5	4	4	4	4	3	2	1	3	2	2	2	2	2	3	3	3	3	3	2	2
10	4	4	4	5	5	4	4	4	4	3	2	1	3	2	2	2	2	2	3	3	3	3	3	2	2
11	7	7	6	6	5	5	6	7	5	2	2	2	3	2	2	2	2	4	6	9	8	8	8	9	4
12	7	7	6	6	5	5	6	7	5	2	2	2	3	2	2	2	2	4	6	9	8	8	8	9	4
13	8	8	8	8	8	8	10	13	6	6	6	6	4	7	6	5	4	3	3	4	4	4	4	4	4
14	7	6	4	3	3	6	9	7	3	2	2	2	2	3	3	4	3	2	3	3	3	2	2	2	4
15	1	1	1	1	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	4
16	3	3	3	3	3	5	6	9	10	9	7	4	2	2	2	2	1	1	2	3	5	3	3	3	4
17	3	3	3	4	3	3	3	3	6	7	4	3	2	2	2	2	5	6	9	8	9	9	10	5	5
18	10	10	8	6	5	5	5	5	5	4	3	2	2	2	2	2	2	3	5	5	5	6	8	9	5
19	8	7	6	5	5	4	3	3	5	7	6	5	4	3	2	1	1	5	2	3	3	2	2	3	4
20	2	2	2	1	1	3	4	4	4	4	4	3	2	3	2	3	3	2	2	2	4	4	4	4	3
21	3	3	2	3	3	3	3	4	4	4	4	4	4	3	3	3	3	2	2	2	3	3	3	4	3
22	4	4	2	4	3	3	4	4	4	3	1	2	2	1	2	3	2	2	3	4	6	6	5	5	3
23	3	3	5	2	3	3	5	5	10	11	5	4	5	5	5	2	3	1	2	4	5	9	9	8	5
24	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	4	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	4	4	3	2	3	5	5	5	7	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	4	5	5	6	5	5	5	5	11	11	7	4	2	2	2	5	5	5	5	5	5	5	5	5	5
31	2	1	1	1	2	3	5	6	9	10	13	3	3	3	3	3	2	2	3	4	4	4	6	5	4
MEAN	5	4	4	3	3	4	4	5	6	5	4	3	3	3	3	3	3	3	3	4	5	5	5	5	4

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	4	6	6	4	4	4	5	5	4	2	3	2	2	2	1	1	2	3	3	3	4	3
2	3	3	3	3	5	4	4	4	4	7	1	1	1	1	1	1	1	1	2	2	3	3	3	4	3
3	3	2	2	1	5	3	3	3	2	1	1	1	1	1	1	1	1	1	2	4	3	3	1	1	2
4	1	1	1	1	5	7	7	7	7	8	1	1	2	2	2	2	1	1	4	5	5	8	4	4	3
5	5	5	7	7	7	7	7	7	7	7	6	8	2	2	2	2	2	0	4	5	5	8	4	4	5
6	1	3	3	6	6	6	7	7	7	7	3	2	2	2	2	2	2	2	4	5	5	3	3	1	5
7	2	2	2	2	2	3	3	3	3	4	2	1	5	5	5	5	5	5	2	3	3	6	2	2	7
8	5	4	4	3	4	5	5	5	5	4	3	5	5	5	7	7	6	11	12	11	10	10	8	9	7
9	9	10	6	6	6	5	7	7	7	6	9	10	5	5	5	5	5	5	12	6	10	10	8	8	7
10	10	9	9	10	9	10	10	10	10	9	7	5	5	3	3	3	4	3	4	4	5	5	5	8	7
11	10	10	5	4	5	5	5	5	3	3	1	1	1	0	0	0	2	3	3	4	4	3	3	4	3
12	3	4	4	3	3	3	4	4	6	4	3	2	2	2	2	2	2	3	3	4	5	5	6	6	4
13	5	6	6	6	6	6	5	5	5	9	5	3	1	2	1	3	4	2	2	3	3	1	1	2	4
14	3	3	3	2	3	3	4	4	4	4	4	4	3	2	2	2	3	3	4	5	5	4	4	5	4
15	4	4	4	4	4	4	4	4	4	4	6	4	3	3	2	2	2	3	2	3	3	2	2	2	3
16	3	2	2	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	3	3	3	2	3	3	2
17	3	4	6	4	1	2	3	3	3	3	3	4	5	6	5	5	5	5	5	5	5	4	3	2	4
18	2	2	1	1	1	3	4	4	4	4	4	4	4	4	3	4	5	5	6	7	8	9	8	8	4
19	9	15	8	7	6	6	6	7	7	8	5	3	3	3	3	4	5	5	4	7	6	7	7	6	6
20	6	5	11	4	5	5	4	4	4	5	3	3	4	4	4	4	4	4	4	5	5	4	4	5	5
21	6	4	2	2	3	4	5	5	5	1	1	2	3	3	3	3	5	5	4	4	4	3	2	3	3
22	4	4	1	0	0	2	4	4	4	3	3	4	4	4	4	3	2	3	5	5	6	6	6	6	4
23	6	6	6	5	4	4	5	5	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	2	2	2	1	2	3	4	4	4	3	4	3	3	3	7	7	7	6	5	5	5	5	4	4	4
26	4	6	4	3	4	5	5	5	5	2	3	3	2	1	1	2	3	3	5	5	5	10	8	4	4
27	3	3	3	3	4	6	8	8	8	9	12	10	5	3	3	4	6	6	8	8	6	5	5	5	6
28	4	3	3	3	4	6	4	4	4	4	4	4	4	5	5	6	8	7	6	6	6	5	5	5	5
29	4	3	6	7	6	6	5	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30																									
MEAN	4	5	4	4	4	5	5	5	5	4	4	4	3	3	3	3	4	3	4	5	5	5	4	4	4

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
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9																									
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27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	3	2	0.000	3	2	0.000	0.000	1	1	2	2	3	3	4	4	3	4	4	3	2
2	3	3	3	4	4	3	3	0.000	4	3	0.000	0.000	3	3	4	4	4	0.000	3	3	3	3	3	3	3
3	3	3	3	3	3	3	4	0.000	3	2	1	0	0	0	0	1	1	2	2	3	3	3	3	3	3
4	3	3	3	3	3	3	3	0.000	3	2	2	1	1	1	1	1	2	2	2	3	2	2	2	2	3
5	2	2	2	2	3	3	3	0.000	3	2	2	2	1	2	2	2	2	3	3	3	2	2	2	2	2
6	3	3	2	2	3	3	4	0.000	4	3	2	1	1	2	2	2	3	4	5	5	5	5	5	5	3
7	5	5	5	5	5	5	5	0.000	6	6	4	4	3	4	4	4	3	2	3	3	3	2	2	2	4
8	2	2	3	3	3	3	4	0.000	3	4	0.000	0.000	3	1	2	2	1	2	2	2	2	2	2	1	2
9	2	3	3	3	3	3	3	0.000	3	0.000	0.000	0.000	1	1	2	3	3	0.000	3	3	3	3	2	2	3
10	0.000	0.000	2	3	3	3	4	0.000	4	3	2	2	1	2	2	1	2	2	3	3	3	3	3	4	3
11	4	5	4	5	4	5	5	0.000	4	3	3	3	3	3	3	4	4	3	3	3	2	2	3	3	4
12	3	3	3	3	3	3	3	0.000	4	0.000	0.000	3	3	3	3	3	3	4	4	4	4	4	4	4	3
13	4	3	4	3	3	3	2	0.000	3	0.000	0.000	3	3	3	3	2	2	5	5	4	4	6	5	6	4
14	5	5	4	2	3	5	5	0.000	1	4	4	4	2	2	2	3	4	6	6	6	6	5	5	5	4
15	6	7	8	7	6	6	7	0.000	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
16	3	3	3	3	3	4	4	0.000	0.000	0.000	0.000	0.000	1	0	0	0	0	1	2	3	3	3	3	3	0.000
17	3	3	3	4	4	4	4	0.000	4	4	3	3	4	4	4	2	3	4	4	4	4	4	4	3	4
18	3	3	4	4	4	4	4	0.000	4	2	2	2	3	3	3	4	4	3	3	3	3	3	3	3	3
19	3	3	3	3	4	4	4	0.000	4	0.000	0.000	0.000	4	3	3	2	2	2	2	3	2	2	2	2	3
20	3	3	3	3	3	3	2	0.000	0.000	0.000	0.000	0.000	2	3	3	3	4	4	2	3	3	3	3	3	3
21	4	4	4	4	4	3	3	0.000	2	2	2	2	2	2	3	3	3	4	4	3	3	3	3	3	3
22	3	3	3	3	3	3	3	0.000	3	2	2	2	2	2	3	3	3	4	4	3	3	3	3	3	3
23	4	4	3	3	3	3	3	0.000	3	6	7	12	11	7	6	5	6	6	5	4	4	4	4	4	3
24	3	3	3	3	2	1	1	0.000	3	2	2	2	1	1	2	1	2	3	3	2	3	2	3	3	5
25	3	3	2	2	2	1	1	0.000	1	1	2	0.000	2	2	3	3	3	3	3	3	2	2	2	2	2
26	3	3	2	2	2	2	2	0.000	0.000	0.000	2	3	2	2	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
27	2	2	2	2	2	2	2	0.000	2	0.000	3	2	2	3	3	3	4	4	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	0.000	3	2	2	2	2	2	3	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
29	3	3	2	2	2	2	2	0.000	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	0.000	3	0.000	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
MEAN	3	3	3	3	3	3	3	0.000	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	3	3	0.000	2	2	2	2	3	3	2	2	3	3	3	3	4	3	3	3	3
2	3	3	3	2	2	2	3	0.000	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
3	1	1	2	2	1	1	1	0.000	2	2	3	4	4	4	3	3	3	3	3	4	4	4	4	4	3
4	4	3	3	3	3	3	3	0.000	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	2
5	2	2	2	2	2	2	1	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	3	3	3	3	3	0.000	3	3	3	3	2	4	3	3	3	3	3	3	3	3	3	3	3
7	2	2	1	1	1	1	2	0.000	3	3	4	4	5	4	3	3	3	3	3	0.000	0.000	0.000	0.000	0.000	
8	4	4	4	3	2	2	2	0.000	4	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	3	3	0.000	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
10	2	2	2	2	1	1	1	0.000	1	3	3	3	3	3	0.000	2	2	2	2	3	3	2	2	2	2
11	2	2	2	2	2	2	2	0.000	2	0.000	2	3	3	4	0.000	3	3	3	3	3	3	2	3	3	3
12	3	3	3	3	3	3	3	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	3	3	3	3	3	3	3	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	3	2	2	2	2	2	2	0.000	3	3	1	1	3	3	1	1	1	1	1	2	2	2	2	2	2
16	3	3	3	3	3	3	3	0.000	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
18	3	3	3	3	2	2	2	0.000	4	5	5	5	6	4	3	3	3	3	3	3	3	3	3	3	3
19	5	4	3	2	2	2	2	0.000	2	0.000	2	2	3	3	4	4	5	5	5	5	4	4	4	4	4
20	5	5	5	4	4	4	4	0.000	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3	3	3	3	3	4	4	5	5	6	6	5	6	6	0.000
22	6	5	5	5	5	5	4	0.000	6	6	5	4	5	5	5	5	5	6	6	6	4	4	4	4	5
23	6	6	6	4	4	4	4	0.000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3	3	2	1	1	3	4	4	4	3	3	3	3	3	0.000
25	3	4	3	4	4	3	3	0.000	2	1	2	2	3	3	4	3	2	1	1	2	3	3	3	3	3
26	3	3	4	4	4	3	3	0.000	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	1	1	2	2	1	1	0.000	1	0.000	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
28	4	3	3	3	4	4	3	0.000	3	3	3	3	2	2	2	2	3	3	3	4	3	3	3	3	3
29	3	3	3	3	3	3	2	0.000	2	2	2	2	2	2	3	5	6	6	4	5	5	4	3	4	3
30	4	5	6	5	5	4	6	0.000	5	5	5	5	5	4	6	6	6	6	5	6	6	7	7	7	5
31	7	7	6	6	5	4	5	0.000	5	4	3	3	4	4	4	5	6	5	5	4	4	4	4	4	5
MEAN	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2	4	6
FEB	28	3	5	7
MAR	31	2	4	5
APR	30	2	5	9
MAY	31	2	4	8
JUN	30	3	5	10
JUL	31	3	4	10
AUG	30	4	7	13
SEP	29	4	7	15
OCT	29	3	5	12
NOV	30	3	5	12
DEC	31	3	5	7
YEAR	360	3	7	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	76	493	66	0	0	0	0	635
FEB	93	417	79	6	0	0	0	595
MAR	127	442	76	0	0	0	0	645
APR	142	411	66	16	0	0	0	635
MAY	203	360	108	2	0	0	0	673
JUN	164	323	145	17	0	0	0	649
JUL	175	338	151	11	0	0	0	675
AUG	72	274	191	77	9	0	0	623
SEP	66	217	253	75	5	1	0	617
OCT	87	318	145	17	3	0	0	570
NOV	40	450	144	6	2	0	0	642
DEC	42	437	175	5	0	0	0	659
YEAR	1287	4480	1599	232	19	1	0	7618

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86	0	0.6	1.4	2.1	2.8	4.4	5.4	6.9	8.2	15	2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	4	4	3	2	1	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	5	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	5	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16																									
17																									
18																									
19																									
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25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	3	4	3

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	3	4	4	4	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13																									
14																									
15	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19																									
20																									
21	3	4	3	3	3	4	4	4	5	5	5	4	4	4	3	2	2	3	4	3	2	2	1	1	3
22	1	1	2	1	2	2	3	4	4	4	4	3	3	3	5	6	6	6	6	6	6	6	6	6	6
23	4	4	2	1	2	2	1	1	1	1	1	2	3	4	3	5	4	4	4	4	4	4	4	4	4
24	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	4	4	3	3	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	10	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
28																									
MEAN	3	3	3	2	2	2	2	3	3	5	2	3	3	3	3	4	4	4	4	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	4	4	4	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2																									
3																									
4																									
5																									
6																									
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24																									
25																									
26																									
27	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2
28	2	3	3	1	1	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2
29	2	1	2	1	1	0	2	3	0.000	0.000	0.000	0.000	2	4	4	5	5	3	4	4	4	0	0	0	2
30	2	2	2	2	2	2	2	2	0.000	2	0	3	2	5	2	2	2	1	1	1	1	0	0	0	2
31	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	3	4	3	3	1	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	1	2	1	2	2	4	3	4	3	3	3	2	3	3	5	2
2	3	3	4	4	3	3	3	3	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2
3	3	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
4	1	1	1	1	1	1	2	2	0	0	0	0	1	1	2	2	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
6	5	5	4	2	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3
7	2	2	1	1	1	0	1	1	0	1	1	1	1	2	2	2	2	2	1	1	2	1	1	1	1
8	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	0	0	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1
10	3	3	3	3	3	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	4	4	4	4	4	4	0
12	5	4	5	5	6	6	5	4	3	0	0	1	1	1	1	1	2	2	2	2	3	5	3	4	3
13	5	4	2	2	2	2	2	2	0	0	0	2	2	2	2	2	2	3	3	4	5	5	5	5	3
14	4	4	4	4	5	5	5	6	6	5	5	4	2	2	2	0	5	6	7	5	5	5	4	4	5
15	4	4	4	3	4	4	4	4	5	2	5	5	4	2	3	2	4	4	3	3	2	3	3	4	5
16	4	4	3	3	4	4	4	4	5	0	5	6	6	5	5	6	6	6	4	6	6	6	3	1	4
17	1	1	1	1	1	1	1	1	0	0	0	5	5	5	6	6	7	7	6	7	6	5	5	4	4
18	3	2	4	4	4	4	4	4	0	0	0	6	6	6	6	6	7	4	4	4	4	4	4	4	4
19	3	2	2	2	2	2	2	3	0	0	0	7	7	7	7	7	4	4	4	4	4	4	4	4	4
20	2	2	1	2	1	1	1	1	1	2	2	2	2	1	1	2	2	1	2	3	3	2	2	2	2
21	3	1	1	2	3	3	2	3	5	5	6	6	6	7	7	7	6	6	6	6	7	6	5	5	5
22	6	6	6	6	5	4	4	5	5	5	5	4	4	4	4	2	1	1	1	1	2	3	2	2	4
23	1	1	1	1	1	3	3	4	4	5	5	7	6	6	6	6	6	6	7	4	1	1	1	1	4
24	2	2	2	2	2	2	2	3	3	0	2	2	2	2	2	2	2	2	3	4	4	4	4	4	3
25	4	4	4	4	4	4	4	3	3	2	2	3	2	2	2	2	3	3	2	2	3	3	3	4	3
26	3	2	2	2	1	1	2	2	3	3	3	3	3	3	4	3	3	3	2	3	3	3	2	2	3
27	2	2	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	1	3
28	1	2	2	1	1	1	3	3	2	2	2	3	3	3	3	3	2	2	3	3	4	4	4	5	3
29	4	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	4	4	3	3
30	2	2	2	2	2	2	3	4	0	3	4	4	3	4	3	4	4	3	3	3	2	3	2	2	3
MEAN	3	3	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

UNITS - PARTS PER HUNDREDMILLION

MONTH MAY 73

13 14 15

PERCENTAGE OF DATA VALID - 95

UNITS - PARTS PER HUNDREDMILLION

MONTH JUN 73

13 14 15

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	2	3	2	3	2	2	1	1	1	1	1	1	1	1	1	1	4	2	1	2
2	1	1	1	0	1	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	3	1
3	3	2	2	2	1	1	1	2	2	2	2	3	2	3	3	2	2	1	2	1	1	3	3	2	2
4	1	2	2	2	2	3	3	4	7	6	5	5	4	3	2	2	2	1	1	1	1	1	1	1	3
5	3	2	2	1	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	3	4	4	2
6	3	3	3	3	2	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	3	4	4	3
7	3	3	3	3	4	4	4	4	3	3	3	3	2	3	3	3	3	3	4	5	5	4	4	3	3
8	4	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	3	3	3	2	3
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1
10	3	4	4	2	1	2	3	4	3	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
12	1	1	2	2	2	2	2	2	2	4	3	3	2	3	3	4	4	3	3	2	2	2	3	4	3
13	5	6	5	3	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	1	3
14	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
15	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
16	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	2	2
17																									
18																									
19	2	1	2	2	3	2	3	3	6	6	7	6	4	4	3	3	3	2	1	2	4	4	2	2	2
20	3	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2
22	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3	5	2
23	5	3	2	2	2	2	2	3	3	2	3	3	3	3	3	2	2	2	2	2	3	3	4	2	4
24	2	2	2	2	2	2	2	3	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3
25	1	1	1	1	2	1	2	2	2	2	2	1	2	2	2	3	3	2	3	3	3	3	2	1	3
26	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	4	3	3	2	2	3	3	2
27	3	4	3	2	2	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	2
28	3	3	3	2	2	2	2	2	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1
30	2	2	2	1	1	1	2	2	2	4	3	2	2	2	3	2	3	4	3	2	2	1	2	1	2
31	1	1	1	2	2	2	1	1	2	2	1	1	1	1	2	2	2	1	1	2	3	2	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1
2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
3	4	3	3	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	4	2
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	2	2	2	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2
13	2	1	1	2	1	2	2	3	3	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
14	4	3	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	1	2	1	1	1	1	1	1	2	3	2	2	2	3	4	3	3	4	5	4	3	3	2	2
17	3	3	2	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	1	2	2
18	2	2	1	0	0	1	1	2	2	1	1	1	1	1	1	1	1	2	1	2	2	3	3	1	1
19	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	5	2	2	2
20	2	2	3	2	2	1	2	2	3	2	2	1	1	1	2	3	2	1	1	2	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	3	2	3	3	3	3	4	5	5	5	5	5	5	5	6	6	5	7	8	8	8	7	6	5	5
24	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
28	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	1	0	1	1	1	2	4	6	6	4	6	6	7	8	8	9	8	8	5	4	5	3	4	2	5
MEAN	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	5	4	3	4	4	7	5	4	4	4	3	3	3	2	3	5	8	6	5	5	4	4
2	3	4	3	4	4	5	5	4	4	2	1	0	1	1	2	***	***	***	3	6	4	4	7	7	4
3	6	5	4	3	3	4	5	***	***	3	2	4	7	4	2	2	4	2	2	5	3	1	2	1	3
4	1	1	1	3	1	2	5	6	8	10	8	4	4	4	4	5	4	4	4	2	3	4	5	6	4
5	4	5	3	3	5	5	6	5	4	3	4	3	5	4	5	7	5	4	3	2	3	3	1	1	4
6	2	1	4	3	2	3	4	4	2	2	2	2	2	2	2	2	3	3	3	4	3	2	2	2	3
7	2	3	2	2	2	3	3	3	***	***	***	***	***	***	***	***	***	***	4	6	***	***	***	***	***
8	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***
9																									
10																									
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	0	***	***	2	2	2	2	2	2	2	2	5	4	4	4	2	***
13	2	2	2	2	3	4	4	***	***	0	***	2	2	2	2	3	4	4	4	6	5	7	5	2	3
14	3	3	2	1	1	2	4	***	***	***	3	3	3	3	4	4	3	3	4	4	2	3	2	3	3
15	5	5	4	4	5	4	4	3	3	3	4	3	2	2	2	3	4	2	2	3	2	2	2	2	3
16	2	1	1	1	1	1	2	1	1	1	1	2	1	1	1	2	1	1	2	2	2	1	3	4	2
17	1	1	1	1	1	2	2	3	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
18	2	1	1	1	1	1	1	2	***	***	1	1	2	2	2	2	2	2	2	5	5	4	5	5	2
19	5	5	5	5	5	5	5	6	***	5	5	4	4	3	3	3	3	2	3	3	4	4	4	5	4
20	5	3	1	1	1	1	1	2	***	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
21	2	2	3	2	2	2	3	***	1	0	0	1	1	1	1	1	2	3	3	3	3	1	1	1	2
22	1	1	1	1	1	2	4	3	***	5	4	2	1	1	1	1	1	1	2	3	2	2	3	4	2
23	2	2	2	3	4	4	5	5	***	1	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2
24	1	2	2	2	2	2	2	2	***	***	2	2	2	2	1	2	2	2	3	4	3	2	2	1	2
25	2	1	1	1	1	1	1	2	***	2	2	2	2	2	2	2	3	3	3	2	2	2	2	3	2
26	2	3	4	3	3	3	4	3	***	***	6	6	5	4	2	3	2	2	2	3	3	2	2	2	3
27	3	4	4	4	5	4	5	6	***	6	6	5	4	4	3	3	3	2	2	2	2	1	1	***	4
28	3	0	0	0	0	1	2	3	***	1	2	2	3	2	3	4	4	4	***	4	4	4	4	4	2
29	3	3	3	3	3	3	3	2	***	3	1	2	2	2	1	1	1	1	1	2	2	1	2	***	2
30	***	***	0	0	0	0	1	1	***	1	0	0	0	0	1	1	2	4	5	5	2	2	2	1	1
MEAN	3	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	3	2	3	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	***	***	***	2	2	2	3	3	4	3	3	3	2	2	2	2	2
2	2	2	3	2	2	2	3	***	3	3	2	3	3	4	5	6	5	5	3	5	5	6	6	6	4
3	6	6	5	5	5	5	5	***	***	3	3	2	4	3	3	4	3	3	5	5	5	5	5	4	4
4	4	4	3	3	4	3	4	***	3	4	3	2	4	5	5	5	3	2	3	3	3	2	1	0	3
5	0	0	0	1	2	2	2	***	2	2	2	2	2	2	2	3	4	5	6	3	7	7	6	6	3
6	5	5	4	4	4	4	4	***	10	7	4	4	2	2	4	6	6	6	7	5	5	5	4	4	5
7	4	4	4	1	1	1	2	***	4	4	3	2	2	2	3	3	3	4	4	4	***	***	***	***	3
8																									
9	***	***	***	***	***	***	***	***	***	***	3	3	3	4	7	6	4	3	4	10	9	6	4	4	***
10	4	4	4	2	2	2	3	***	3	3	5	9	14	14	11	8	7	4	3	3	1	1	1	1	5
11	0	0	0	1	1	1	2	***	***	3	3	7	10	11	8	8	8	7	5	3	3	3	2	1	4
12	1	2	3	3	3	3	3	***	3	5	7	9	10	8	8	7	8	6	5	4	4	3	4	4	5
13	5	5	5	5	5	4	5	***	4	4	5	6	6	6	5	4	3	2	2	2	2	2	2	1	4
14	1	1	1	1	1	1	2	***	1	1	1	1	1	1	1	1	1	2	3	5	5	4	5	5	2
15	5	5	5	4	4	3	4	***	4	3	2	2	2	2	2	2	3	4	4	5	4	3	3	2	3
16	3	2	3	2	3	3	***	3	3	3	2	2	2	2	2	2	2	1	2	2	2	1	1	1	2
17	1	2	2	1	1	1	2	3	2	2	2	1	1	2	2	2	1	2	3	3	3	3	3	2	2
18	2	3	3	2	3	3	4	***	***	***	***	1	1	1	1	1	1	1	1	2	2	3	3	2	2
19	2	2	2	2	2	2	3	***	3	***	***	***	4	4	5	5	5	5	5	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
21	2	3	2	2	2	4	2	***	***	1	3	3	5	4	3	4	3	3	3	4	3	3	3	3	3
22	3	3	2	3	3	3	3	***	***	10	11	11	6	6	5	6	6	6	7	7	7	6	6	5	5
23	4	4	5	6	6	5	4	***	5	***	8	8	7	8	7	8	9	7	9	8	9	7	8	7	5
24	7	5	4	3	6	3	4	***	4	***	***	4	9	8	8	7	3	4	4	4	4	4	4	2	5
25	2	3	3	3	2	2	3	***	3	***	***	5	6	5	7	7	7	4	3	3	2	2	2	1	4
26	2	2	1	2	2	1	1	***	***	***	***	***	***	***	2	2	2	2	2	3	3	2	2	2	2
27	2	2	2	2	2	2	2	***	***	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
28	2	2	1	1	1	1	1	***	1	1	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1
29	1	1	1	1	1	2	2	***	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30																									
31																									
MEAN	3	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	3	2	1	2	2	1	1	2	2	0.000	0.000	0.000	0.000	2	2	2	2	4	2	3	3	3	3	3	0.000
3	2	2	2	1	1	1	1	1	1	0.000	0.000	0.000	1	1	1	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	0	0	0.000	0.000	0.000	1	1	1	1	1	1	2	2	2	2	4	2	1
5	2	2	1	1	1	2	2	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	3	3	0.000
6	2	2	3	1	2	2	2	2	2	2	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
7																									
8																									
9																									
10																									
11																									
12																									
13	4	4	4	4	4	4	4	4	4	0.000	0.000	0.000	0.000	0.000	0.000	4	4	5	4	3	4	4	4	4	0.000
14																									
15																									
16																									
17																									
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29																									
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	2	2	2	1	1	1	1	1	1	0.000
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	2	2	
PERCENTAGE OF DATA VALID -	19																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	2	2	2	2	2	2	1	2	2	2	1
2	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2
3	4	4	5	5	5	5	5	5	5	0.000	5	5	4	5	5	5	6	6	5	5	5	5	5	4	5
4	4	3	3	3	2	2	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	2	2	2	1	1	1	2
5	1	1	1	2	2	2	2	2	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	0	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	1	1	1	1	1	0.000	2	2	2	2	2	2	0.000	0.000	0.000	0.000	0.000	2	2	1	1
8	2	1	1	1	1	1	2	2	2	0.000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1
10	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
11	1	1	1	1	1	1	1	1	1	0.000	0.000	0.000	2	3	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	0.000	0.000	0.000	0.000	2	2	0.000	0.000	2	1	2	2	1	2	2	3	2	2	2	2	1	2
13	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	0.000	0.000	1	1	1	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0.000	0.000	0.000	0	0	0	1	2	2	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	0.000	1	1	1	2	2	2	2	3	3	2	1	2	1	1	1
16	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	2	1	1	2	2	2	2	1	1	1	1
17	1	1	1	1	1	0	1	1	1	0.000	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	2	2	2	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19																									
20																									
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25																									
26																									
27																									
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
29	3	3	3	3	3	3	3	3	4	3	4	3	4	3	3	5	3	2	1	1	1	1	1	1	3
30	3	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	3	3	3	4	2
31	3	3	3	3	3	2	1	1	1	2	2	2	3	2	2	3	3	3	2	3	2	2	1	2	2
MEAN	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -	61																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	15	3	4	7
FEB	26	3	6	10
MAR	7	2	3	5
APR	30	3	5	20
MAY	31	2	5	7
JUN	28	2	4	8
JUL	30	2	3	7
AUG	26	2	5	9
SEP	28	3	4	10
OCT	28	3	7	14
NOV	9	2	2	5
DEC	22	2	5	6
YEAR	280	3	7	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	17	144	127	1	0	0	0	289
FEB	83	223	137	15	0	0	0	458
MAR	51	67	19	0	0	0	0	137
APR	147	337	166	15	0	1	0	666
MAY	226	376	104	2	0	0	0	708
JUN	243	307	75	4	0	0	0	629
JUL	253	366	59	2	0	0	0	680
AUG	219	217	98	20	0	0	0	554
SEP	130	296	155	10	0	0	0	591
OCT	95	269	162	52	3	2	0	583
NOV	49	69	20	0	0	0	0	138
DEC	237	193	31	0	0	0	0	461
YEAR	1750	2864	1153	121	3	3	0	5894

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
67	0	0.3	1.0	1.7	2.6	4.1	5.0	6.1	7.0	20	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
3	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	4	4	4	4	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
16	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2
17	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	2
18	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	4	4	3	3	3	3	2	3
19	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
21	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
25	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
26	3	2	2	2	1	1	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1
30	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	2
31	1	1	0	1	1	0	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	3	1
MEAN	2	2	2	2	1	1	2	2	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	2	1	1	1	1	1	1	1	2	2	2	3	2	1	1	2	2	2	3	3	3	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2
11	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2
12	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	5	4
14	5	5	5	5	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	3	3	3	3	3	3
15	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	2
16	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1
17	1	2	2	2	1	1	1	2	2	2	2	1	1	2	2	2	2	4	4	4	4	4	4	3	2
18	4	3	4	3	4	3	3	3	3	2	2	2	2	2	2	2	3	4	4	3	4	3	3	3	3
19	3	3	3	2	3	2	3	3	3	2	2	2	2	3	3	2	3	3	3	3	3	2	2	3	3
20	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	2	2	2
22	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	3	3	3	3	3	3	3	3
23	3	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	3	2	2	2	2	1	1	2	2	2	2	3	3	3	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
27	2	3	3	4	3	3	3	3	2	2	2	2	3	4	3	3	3	3	3	4	4	4	4	3	3
28	2	3	3	4	3	3	3	3	2	2	2	2	3	4	3	3	3	3	3	4	4	4	4	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	3	3	3	3	3	3	3	3	2	2	3	3	3	4	4	4	5	4	3	3	3	3
2	4	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	6	6	5	6	4
3	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	2	3	3	3	2	2	2	2	2	2	2	1	1	2	2	3	3	3	3	2	2	2	2	2	2
7	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2
8	4	3	3	2	3	4	4	4	4	3	3	3	3	2	2	2	2	2	2	3	2	2	3	2	3
9	2	3	3	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
10	2	1	2	2	2	1	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3	4	4	4	3
11	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
12	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	2	1	1	1	1	2	2	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2
14	2	2	2	2	2	2	2	3	3	2	3	3	2	3	3	4	3	3	4	4	4	3	2	2	3
15	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	2	2	3	2	2	3	3
16	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	1
20	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2
21	2	2	2	2	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2
22	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	4	4	3	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	3	1	1	2	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2
6	2	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	3	2	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	2
8	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
9	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1
10	2	2	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	1	1	1	2
11	1	1	2	2	2	2	2	2	2	2	2	1	1	1	3	2	2	2	3	3	4	5	4	3	2
12	3	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
14	3	4	4	3	3	3	3	3	2	2	2	3	3	3	3	3	4	4	5	5	4	4	4	3	3
15	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	4	4	5	5	4	4	4	3	3
16	2	2	2	2	2	2	3	3	3	3	3	3	4	5	4	4	4	4	5	4	4	4	4	3	3
17	2	3	1	2	1	2	3	3	3	2	2	2	2	2	2	3	4	5	4	4	4	4	4	4	3
18	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
21	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	2	2	2	2	2	2	2	2	2	3
22	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	2	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	3	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR										NO 15001										MONTH MAY 73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	1	1	1	1	1	1	2	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2					
2	2	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
3	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2					
4	1	2	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2					
5	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1					
6																														
7																														
8	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2					
9	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	2	2	2	2	1	2	1					
10	1	2	2	2	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1					
11	2	1	2	2	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2					
12	1	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					
13	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
14	1	1	1	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1					
15	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					
16	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	3	2	2	2					
17	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2					
18																														
19																														
20																														
21																														
22																														
23																														
24																														
25	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1					
28	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1					
29	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1					
31	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	3	3	2	2	2					
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2					

PERCENTAGE OF DATA VALID - 63

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR										NO 15001										MONTH JUN 73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	2	2	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2				
2	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2				
3	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1				
4	2	2	2	1	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2				
5	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1				
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1				
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1				
8	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2				
9	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	2	2	2	2	1	1	1				
10	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1				
11	1	1	1	1	1	1	2	2	2	2	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0				
12	1	1	1	1	1	1	2	2	2	2	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0				
13	1	1	1	1	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1				
14	2	2	2	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0	1	1	1	0	1	1	0				
15	1	1	2	1	2	2	2	2	2	2	1	1	1	1	1	2	2	3	3	3	4	4	2	1	1				
16	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0	0	1	1	1	1	0	1				
17	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1				
18	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1				
21	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	1				
22	3	2	2	2	1	2	2	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1				
23	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1				
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1				
25	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1				
26	1	1	2	2	1	1	1	3	3	3	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1				
27	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1				
28	1	1	1	1	1	1	1	2	2	2	1	2	4	1	1	2	2	2	2	2	2	2	2	2	2				
29	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2				
30	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	3	2	2	2	2	2	2				
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1				

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	2	1	4	1	****	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1
2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1
3	2	2	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	1	1	3	1
4	1	1	1	2	2	2	2	2	****	****	****	2	1	1	1	1	1	1	1	1	2	2	1	1	1
5	2	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
6	2	2	2	2	2	2	2	3	****	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2
7	2	2	2	2	2	2	2	2	****	2	2	1	1	1	1	1	2	2	2	2	3	3	3	2	2
8	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	0	0	1	1	1	2	1	1	1	1
9	1	1	1	1	1	1	2	2	****	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1
10	1	1	1	3	1	1	2	2	****	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1
11	1	1	1	1	2	2	1	1	****	****	****	1	1	1	0	0	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
13	3	2	1	1	1	1	1	2	****	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
14	1	1	0	1	1	1	1	1	****	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	1
15	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	3	1	0	0	1	1
16	1	1	1	1	1	1	1	1	****	1	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1
17	1	1	1	1	2	2	2	2	****	1	1	1	1	0	0	0	1	1	1	1	1	1	2	2	1
18	2	2	2	2	2	2	2	2	****	1	1	1	0	0	0	1	1	1	1	1	2	2	2	2	1
19	2	2	2	2	2	2	2	2	****	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2
20	2	1	1	1	1	2	3	3	****	5	2	2	2	3	2	3	3	3	2	2	2	2	2	1	2
21	1	1	1	1	1	1	1	1	****	1	1	0	0	1	1	1	0	0	1	1	2	2	2	1	1
22	1	1	2	1	1	1	1	1	****	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	1
23	1	1	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	1	1	1	1	2	2	****	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
26	1	1	2	3	1	1	1	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	1	2	2	2	1	1	1	****	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	1
28	2	1	1	1	1	1	1	1	****	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1
29	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
30	2	2	2	2	2	2	2	2	****	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
31	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
MEAN	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	****	1	1	1	1	1	2	1	1	1	2	1	2	1	1	1	1
2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	1	1	1	1	0	1	1	1	1
3	1	1	1	1	1	1	1	1	****	1	1	0	1	0	1	1	0	0	1	1	1	1	1	1	1
4	1	1	1	1	0	1	1	1	****	1	1	0	0	0	0	1	1	1	1	2	3	3	2	3	1
5	2	2	2	2	2	1	1	1	****	2	2	2	1	1	1	1	1	1	1	2	3	3	3	3	2
6	3	3	3	3	2	1	1	1	****	1	1	1	1	1	1	0	1	1	1	2	2	2	2	1	1
7	1	1	1	1	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	****	2	2	2	1	2	2	2	1	1	1	2	2	2	2	2	2
9	1	1	1	1	1	1	2	2	****	2	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2
10	1	1	1	1	1	1	2	2	****	2	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2
11	2	2	2	2	1	1	2	2	****	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2
12	2	2	1	1	1	1	1	2	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
13	2	1	2	1	1	1	2	2	****	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	1
14	2	2	2	2	2	2	2	2	****	2	2	2	2	1	1	1	1	2	2	3	2	2	1	1	2
15	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
16	2	2	2	2	2	2	2	2	****	2	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	****	2	2	2	3	3	2	2	2	2	2	3	4	4	3	3	2
18	3	3	2	2	2	2	2	2	****	2	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2
19	2	2	2	2	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
20	2	2	2	2	2	2	2	2	****	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
22	1	1	1	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	****	2	2	1	1	2	2	1	1	2	1	2	2	2	2	2	1
24	1	1	1	1	1	1	1	1	****	1	1	0	1	0	0	0	1	2	1	2	2	3	2	2	1
25	2	2	2	2	2	2	2	2	****	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
26	1	1	1	1	2	1	1	1	****	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	1
27	0	0	1	1	1	1	1	1	****	1	1	1	0	0	0	0	0	1	1	3	3	2	1	0	1
28	0	0	0	0	0	1	1	1	****	0	0	0	0	0	1	1	1	1	5	4	3	3	3	3	1
29	3	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
30	1	1	1	1	1	2	2	2	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
31	1	1	1	1	1	1	2	2	****	2	2	2	1	1	1	2	2	2	2	3	3	2	2	2	2
MEAN	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	0	0	0	0	1	2	2	2	2	2	2	2
3	2	2	2	2	2	2	1	2	2	2	1	1	1	1	1	0	0	1	1	1	2	2	2	2	2	2
4	2	3	2	2	3	3	3	4	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
5	2	1	2	2	2	2	3	4	2	3	2	2	3	3	2	2	3	2	2	2	2	2	2	2	2	2
6	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	3	3	3	3	2	3	3	2	2	2
11	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1
12	1	1	2	2	2	3	3	3	2	2	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	
13	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	1	3	3	2	2	1	
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	
15	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	
16	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	2	1	1	1	1	1	2	2	2	1	
17	1	1	1	1	1	1	2	2	2	1	1	2	2	3	3	3	3	2	2	2	2	2	2	2	2	
18	1	1	1	0	0	0	1	2	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	
19	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	2	2	2	2	
20	2	2	2	2	1	1	2	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	
21	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	
22	2	2	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	
24	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	1	
25	2	2	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
26	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	3	2	
MEAN	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	3	4	4	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	3
2	2	2	3	3	3	3	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
4	2	3	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	4	3	2	2	1	2	2
5	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	3	3	3	1
6	4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	3	3	4	4	3	3	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	4	2	2	3	2	2	3	3	3	2	2	2	2	1	2	2	3	3	3	4	4	3	3
11	2	2	2	3	2	2	2	2	3	3	2	2	4	2	2	2	3	3	3	3	3	4	3	3	3
12	2	2	2	2	2	2	3	3	2	3	3	3	3	3	2	2	6	4	4	4	4	3	3	3	3
13	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2	4	2	1
15	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2
16	3	2	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
18	2	1	2	2	2	2	2	2	1	2	2	1	1	1	4	1	1	1	1	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	6	3	3	3	3	3	2	2
20	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1
21	2	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
22	2	5	2	2	2	2	2	2	3	4	3	2	3	3	3	2	3	3	3	3	3	3	3	3	3
23	2	2	2	2	2	2	2	2	3	3	3	3	4	3	2	4	4	4	5	5	4	4	4	7	3
24	3	4	3	3	3	3	2	2	3	3	3	3	5	6	3	3	3	3	4	4	4	4	3	3	3
25	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	3	3	2	3	3
26	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1	1
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	1	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	3	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	2
12	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING RECTORY LONDON FAIR

NO 15001

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	3	2	2	2	2	2	3	3	3	2	2	2	1	1	1	2	2	2	2	2	2	3	3	3	3
6	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	1	2	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	3	3	3	3	3	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	2	3	4
FEB	28	2	4	5
MAR	30	2	4	6
APR	30	2	3	5
MAY	24	1	2	3
JUN	30	1	2	4
JUL	31	1	2	5
AUG	31	1	2	5
SEP	30	2	3	4
OCT	31	2	3	7
NOV	21	2	3	5
DEC	28	2	3	5
YEAR	341	2	4	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	225	283	6	0	0	0	0	514
FEB	205	396	34	0	0	0	0	635
MAR	148	454	47	0	0	0	0	649
APR	208	427	38	0	0	0	0	673
MAY	262	210	0	0	0	0	0	472
JUN	464	201	4	0	0	0	0	669
JUL	458	245	2	0	0	0	0	705
AUG	417	255	4	0	0	0	0	676
SEP	312	366	5	0	0	0	0	683
OCT	173	485	43	1	0	0	0	702
NOV	54	404	9	0	0	0	0	467
DEC	163	456	10	0	0	0	0	629
YEAR	3089	4182	202	1	0	0	0	7474

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.2	0.7	1.2	1.7	2.4	2.8	3.3	3.8	7	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
2	1	0	0	0	0	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	3	3	3	2	1
3	4	4	3	3	3	2	2	3	4	2	2	2	2	3	3	2	5	5	4	3	3	4	3	3	2
4	3	3	3	2	2	2	2	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3
5	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1
8	1	2	2	1	2	2	3	3	3	2	2	2	2	2	3	3	3	3	5	5	3	3	3	3	3
9	3	3	2	2	2	2	2	2	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	2	2
10	3	2	2	2	2	2	4	4	4	3	3	3	3	2	2	2	2	2	1	1	2	1	1	1	2
11	2	1	1	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	1	1	1	3	3	3	5	6	6	6	6	6	6	6	3
13	5	4	3	2	2	2	2	3	5	5	4	4	4	4	5	4	4	3	3	2	3	3	4	4	3
14	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
15	3	4	4	4	4	3	3	3	3	2	1	1	1	0	1	1	0	0	0	1	1	1	2	5	2
16	5	4	4	1	3	2	2	2	2	2	2	2	2	4	4	3	3	3	4	4	4	3	3	3	3
17	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	4	3	3	2	3	4	4	3
18	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	3	4	4	3
19	3	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	2	2	2	3	4	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	0	2
21	1	1	1	1	2	3	3	3	3	3	2	2	2	2	3	3	2	2	2	2	3	3	3	3	2
22	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
2	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	2	3	3	3	2	3	3	2	2	2	2	2	2	2	3	3	3	2	3	3	1	2
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	5	5	4	4	4	4	3
8	4	4	3	2	2	1	0	1	0	1	0	1	0	1	1	1	0	4	6	4	4	4	4	5	4
9	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	4	5	3	4	3	3	2
10	3	3	3	3	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	1	1	1	2
11	1	1	2	3	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
12	3	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
13	3	3	4	4	5	4	4	5	5	5	4	4	4	3	3	3	2	2	3	4	5	6	6	6	4
14	7	7	6	4	5	5	3	3	3	3	2	2	2	2	2	2	3	4	4	4	4	4	4	3	4
15	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	0
17	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	5	3	3	2	2	4	2
18	4	2	3	2	3	4	4	3	3	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	3
19	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
20	1	3	4	4	4	4	4	5	2	2	2	2	2	2	3	3	2	3	3	2	1	1	1	1	3
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	0	1	1	1	1
22	1	1	1	1	0	1	0	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	3	4	1
23	4	3	2	2	2	2	2	2	2	2	2	2	2	1	1	0	4	4	6	5	3	2	3	3	3
24	1	3	3	3	4	5	4	4	2	2	2	2	2	1	0	1	0	0	0	0	0	1	1	1	2
25	1	1	1	1	1	0	0	2	2	2	2	2	2	1	2	2	3	2	2	1	1	1	1	1	1
26	2	2	2	6	4	3	2	3	2	2	2	2	2	4	4	5	5	7	5	3	3	2	2	6	4
27	9	9	8	6	7	7	7	7	7	7	7	7	7	2	2	2	2	2	2	2	2	2	3	4	3
28	5	5	6	7	7	7	7	7	7	7	7	7	7	2	2	3	3	4	4	4	4	4	3	3	5
MEAN	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 88

UNITS - PARTS PER HUNDREDMILLION

MONTH MAR 73

PERCENTAGE OF DATA VALID - 88

UNITS - PARTS PER HUNDREDMILLION

MONTH APR 73

PERCENTAGE OF DATA VALID - 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	****	****	2	2	3	****	2	1	1	1	1	1	1	1	1	1
2	1	1	0	0	0	1	0	1	1	****	****	1	1	1	1	1	1	1	1	2	1	0	0	1	1
3	0	0	0	0	0	0	0	0	1	1	****	1	1	2	1	1	1	1	1	1	0	1	1	1	1
4	1	1	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	1	0	0	1	1	1	1	1
6	1	1	1	1	1	1	1	1	2	****	****	2	1	1	1	2	2	2	1	1	6	4	4	2	2
7	1	1	0	0	0	1	1	2	2	****	****	1	1	1	1	2	2	2	1	1	1	1	1	1	1
8	1	1	1	1	2	2	1	1	1	****	****	1	1	1	2	2	2	2	1	1	1	1	0	0	1
9	1	1	1	1	1	1	1	1	1	****	****	2	1	1	0	1	****	****	2	1	1	1	0	0	1
10	0	0	0	0	0	1	1	1	2	2	1	1	1	2	2	3	2	2	1	1	1	0	0	0	1
11	0	0	0	0	1	1	0	****	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2	0
12	2	1	0	1	0	0	0	1	1	****	****	1	1	1	1	1	1	0	1	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	1	1	1	1	1	0
14	0	0	0	0	0	0	1	1	0	****	****	1	1	1	1	2	2	1	1	2	1	1	1	1	1
15	1	1	1	0	0	0	0	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	0	1
16	1	1	2	2	2	2	3	2	2	****	****	3	2	****	1	1	1	1	1	0	0	0	0	0	1
17	0	0	0	0	1	1	2	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	0	0	1	1	1	****	****	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
19	3	3	2	1	1	1	1	1	****	****	2	2	2	1	1	1	1	2	3	2	2	2	1	1	2
20	1	2	2	3	5	8	6	5	****	****	4	3	1	1	1	1	1	2	2	2	2	2	2	1	3
21	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	2	2	2	****	****	2	2	2	2	2	****	2	2	1	2	2	2	2	2	2
23	2	2	1	1	1	1	1	1	****	****	****	1	1	****	****	****	0	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	0	****	****	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	0	****	****	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	****	****	0	0	0	0	0	0	0	0	1	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	****	****	0	****	****	1	1	1	1	1	1	1	1	1	1	1
30	1	0	0	1	1	1	1	2	****	****	****	1	1	2	2	2	2	2	2	2	2	1	1	1	1
31	1	0	0	0	1	0	0	1	****	****	****	1	1	1	1	2	2	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	1	****	****	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1
2	1	1	0	0	0	0	1	2	****	****	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
3	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
4	0	0	0	0	0	0	1	1	****	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	****	****	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
6	0	0	1	1	1	1	1	1	****	****	1	1	1	1	2	1	1	1	1	1	1	0	0	0	1
7	0	0	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	2	2	2	2	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
10	2	1	2	2	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	0	0	0	0	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
12	0	0	1	1	1	1	1	1	****	****	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13									- DATA MISSING -																
14									- DATA MISSING -																
15									- DATA MISSING -																
16									- DATA MISSING -																
17									- DATA MISSING -																
18									- DATA MISSING -																
19									- DATA MISSING -																
20									- DATA MISSING -																
21									- DATA MISSING -																
22									- DATA MISSING -																
23									- DATA MISSING -																
24									- DATA MISSING -																
25									- DATA MISSING -																
26									- DATA MISSING -																
27									- DATA MISSING -																
28									- DATA MISSING -																
29									- DATA MISSING -																
30									- DATA MISSING -																
MEAN	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	2	3	6
FEB	28	2	5	9
MAR	30	2	5	9
APR	22	1	5	8
MAY	31	1	3	8
JUN	12	1	1	2
YEAR	145	2	5	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	173	234	57	0	0	0	0	464
FEB	235	245	106	12	0	0	0	598
MAR	334	270	56	2	0	0	0	662
APR	290	155	29	3	0	0	0	477
MAY	585	107	7	1	0	0	0	700
JUN	230	16	0	0	0	0	0	246
YEAR	1847	1027	255	18	0	0	0	3147

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
72	0	0.2	0.5	0.9	1.5	2.9	3.7	4.7	5.6	9	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	0	0	1	0	0	0	1	1	1	1
9	1	1														2	1	1	1	1	1	1	1	1	1
10																									
11	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1
12	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1
13	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1
14	0	0	0	0	0																				
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0										
MEAN	1	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	1	1	2	1	1	2	2	2	2	2	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1
3	2	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1
4	0	0	0	1	1	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
5	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	2	1
9	3	2	1	2	2	2	2	4	4	3	3	2	1	1	1	1	1	1	1	3	6	7	7	4	3
10	4	5	6	6	5	4	4	5	4	3	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3
11	4																								
12													- DATA MISSING -												
13													- DATA MISSING -												
14																									
15	2	2	2	1	1	0	0	0	0	0	1	1					1	2	2	2	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
18	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
19	1	1	1	1	0	0	1	0	0	0	0	0				1	1	1	1	1	1	0	0	1	1
20	1	3	3	4	4	4	4	4	3	2	1	1	1	1	2	2	2	2	2	1	0	0	0	0	2
21	0	0	1	1	1	1	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
23	2	2	2	1	1	1	1	1	1	1	1	0													
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 63

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	3	2	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1	3	1	2	3
3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
4	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0
6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
7																									
8																									
9																									
10	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	4	3	3	2	3	2	2
11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	1	0	1	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	3	3	3	3	3	2	2	2	1
15	1	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
17	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	0	1
20	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	2	1
22	2	1	1	1	0	0	0	0	1	1	1	1	2	2	2	1	1	1	3	2	2	3	2	1	1
23	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
24																									
25																									
26	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
27	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
28	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
30	1	1	1	1	1	2	2	0	0	0	0	2	2	1	1	1	1	1	1	2	2	2	2	2	1
31	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	1	1
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
11	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1
15	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
16	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
18	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
19	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	1	1
21	1	2	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24																									
25																									
26	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0
27																									
28																									
29																									
30																									
MEAN	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0
6	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	2	2	3	2	1
7	2	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
8	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
9	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
10	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0
11	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	0	1
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1

PERCENTAGE OF DATA VALID - 39

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	9	1	1	2
FEB	21	1	3	7
MAR	27	1	3	5
APR	25	0	1	5
MAY	13	1	1	3
YEAR	95	1	3	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	116	16	0	0	0	0	0	132
FEB	344	64	19	2	0	0	0	429
MAR	490	92	3	0	0	0	0	585
APR	497	14	1	0	0	0	0	512
MAY	284	10	0	0	0	0	0	294
YEAR	1731	196	23	2	0	0	0	1952

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
53	0	0.1	0.3	0.6	0.8	1.2	1.8	2.6	3.4	7	0.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3	4	3	3	3	3	2	2	****
5	1	1	1	1	1	1	0.000	3	3	2	2	2	2	2	2	3	3	3	3	4	3	3	2	2	2
6	2	2	2	2	2	1	0.000	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2
7	2	2	2	2	2	2	0.000	2	3	2	2	1	1	1	1	1	1	2	2	3	3	3	4	5	2
8	4	3	2	2	2	2	0.000	4	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19	14	18	18	17	16	16	16	15	****
13	14	12	11	10	9	7	0.000	10	11	14	9	9	9	9	8	8	8	10	9	7	7	7	8	8	9
14	8	7	6	5	5	5	0.000	5	5	5	4	4	4	5	4	5	6	7	7	7	7	7	6	6	6
15	8	8	8	8	8	7	0.000	8	8	8	0.000	0.000	8	8	8	8	9	9	8	6	5	6	6	7	8
16	8	10	8	6	4	4	0.000	4	4	3	3	3	3	6	4	3	5	7	6	8	8	7	7	7	5
17	6	5	5	5	4	4	0.000	5	6	5	5	6	6	8	8	10	11	14	11	10	9	8	8	9	7
18	9	8	7	5	5	5	0.000	8	10	9	7	6	6	7	8	10	9	8	7	7	6	6	6	6	7
19	5	5	6	4	3	2	0.000	7	6	0.000	0.000	5	5	4	3	3	3	4	4	4	5	4	4	4	4
20	4	4	3	3	2	2	0.000	2	2	2	2	2	2	2	2	3	4	5	6	8	8	6	4	4	4
21	4	4	5	6	7	6	0.000	8	7	6	7	6	6	5	4	5	6	6	7	7	7	7	7	6	6
22	6	7	7	6	6	6	0.000	5	6	9	9	6	6	5	5	6	6	6	6	7	6	6	4	3	6
23	2	3	3	3	3	3	0.000	3	4	4	3	0.000	2	1	1	1	2	3	3	3	2	3	2	3	3
24	2	1	1	1	1	1	0.000	3	3	3	3	2	2	2	3	3	3	4	4	4	4	4	5	4	3
25	4	4	3	2	2	3	0.000	5	4	3	2	1	1	1	2	3	3	4	4	4	4	4	5	4	3
26	4	4	4	4	4	4	0.000	5	6	5	0.000	5	5	5	0.000	8	6	6	5	5	5	6	6	5	5
27	5	6	6	6	7	7	0.000	5	5	5	5	4	4	4	4	4	4	4	3	3	4	4	4	4	5
28	4	4	4	2	4	4	0.000	4	4	4	4	4	5	5	5	4	4	5	4	0.000	0.000	0.000	0.000	0.000	0.000
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	5	5	5	4	4	4	6	5	5	5	4	4	4	4	4	5	5	6	6	6	6	6	6	5	5

PERCENTAGE OF DATA VALID - 60

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8	8	7	6	6	5	4	4	3	****
3	3	2	1	1	1	1	0.000	1	1	1	1	1	1	1	2	3	4	3	3	2	2	2	3	3	2
4	2	2	2	2	2	3	0.000	4	6	4	3	3	3	2	2	3	3	3	4	4	4	3	2	2	3
5	2	2	2	2	2	2	0.000	2	3	0.000	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
6	3	3	3	3	4	4	0.000	4	4	4	4	4	4	5	5	5	5	5	6	5	5	5	5	5	4
7	6	5	5	5	5	4	0.000	4	4	4	4	0.000	0.000	0.000	3	3	4	4	5	5	5	5	5	5	5
8	4	3	2	2	1	1	0.000	2	2	0.000	1	1	1	1	1	1	1	1	2	2	3	4	4	5	2
9	4	4	4	4	5	5	0.000	5	5	4	4	3	2	2	2	2	3	3	4	4	4	3	3	4	4
10	3	3	3	3	3	4	0.000	3	3	3	2	1	1	1	1	1	1	2	2	1	2	1	1	2	2
11	2	3	2	3	3	2	0.000	2	2	1	1	1	2	2	2	2	2	2	2	2	3	4	4	3	2
12	3	3	3	3	3	4	0.000	4	4	4	0.000	5	4	3	3	3	3	3	4	4	4	6	6	4	4
13	5	5	5	5	6	7	0.000	7	8	7	7	6	5	5	6	8	9	10	9	9	10	11	11	10	8
14	9	12	12	11	10	9	0.000	9	8	7	5	5	5	5	5	6	6	6	6	6	5	5	6	5	7
15	5	3	2	1	2	2	0.000	2	3	2	2	3	2	2	3	3	4	4	4	4	6	6	6	4	3
16	2	2	2	1	1	1	0.000	3	2	2	2	2	2	2	2	3	3	4	4	4	6	6	6	4	3
17	3	2	2	2	3	5	0.000	5	5	4	2	2	3	4	5	6	7	7	7	7	7	7	7	7	5
18	7	7	6	6	6	6	0.000	4	4	4	4	4	4	4	4	5	5	6	7	7	7	6	6	6	5
19	5	5	4	4	4	4	0.000	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
20	5	3	4	4	5	5	0.000	5	4	6	6	6	6	5	6	7	6	6	6	6	6	5	3	3	5
21	3	5	5	5	5	5	0.000	5	5	5	5	5	6	5	5	0.000	7	7	5	4	6	6	6	2	5
22	2	2	1	1	3	2	0.000	4	5	4	4	5	4	4	5	3	5	6	6	6	6	6	6	6	4
23	7	7	7	7	7	7	0.000	7	7	7	5	5	4	3	3	3	3	5	6	7	8	8	8	7	6
24	6	4	4	4	4	4	0.000	7	7	4	2	2	2	2	1	1	0	3	4	4	4	3	3	4	3
25	4	5	5	4	4	4	0.000	5	5	4	4	5	5	4	4	4	4	4	4	4	4	4	6	8	5
26	9	8	5	2	2	2	0.000	4	4	4	3	3	2	3	3	3	4	4	5	4	4	4	5	5	4
27	5	6	5	3	3	3	0.000	5	5	4	3	3	2	2	2	3	3	4	3	3	3	6	6	6	4
28	7	6	6	6	6	6	0.000	7	7	7	7	6	6	6	5	6	10	12	12	12	11	9	10	11	8
MEAN	4	4	4	4	4	4	0.000	4	5	4	4	4	3	3	4	4	4	5	5	5	5	5	5	5	4

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	9	6	3	4	9 9 9 9	7	8	7	5	5	6	6	7	7	7	9	8	8	9	9	8	8	7
2	9	9	8	8	8	8	9 9 9 9	8	9 9 9 9	9 9 9 9	11	11	11	9	9	9	9	8	8	7	8	9	8	6	9
3	5	5	4	4	5	5	9 9 9 9	4	4	4	4	5	5	7	7	7	8	8	8	7	7	8	8	9	6
4	9	9	9	8	7	7	9 9 9 9	7	7	6	5	5	5	5	5	4	5	8	7	6	6	5	5	6	6
5	6	6	6	6	5	5	9 9 9 9	5	5	5	9 9 9 9	5	5	6	6	6	6	6	6	6	6	5	5	5	6
6	5	6	6	4	4	4	9 9 9 9	5	4	6	6	6	7	7	7	7	6	6	7	6	6	6	6	6	6
7	6	5	5	5	5	5	9 9 9 9	5	4	4	3	4	5	5	8	7	4	4	3	4	4	4	4	5	5
8	4	3	3	2	2	2	9 9 9 9	4	4	3	3	2	2	2	1	1	2	2	1	2	2	1	2	3	2
9	3	3	3	3	3	4	9 9 9 9	4	5	5	4	4	3	3	2	3	3	3	4	5	4	5	5	5	4
10	5	5	4	5	5	5	9 9 9 9	4	5	5	4	4	5	5	6	7	6	5	5	5	5	6	6	5	5
11	4	5	5	4	4	4	9 9 9 9	4	4	4	5	6	5	6	5	6	6	4	4	4	4	4	4	3	5
12	2	2	1	1	1	0	9 9 9 9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2
13	2	2	2	2	1	1	9 9 9 9	5	5	6	9 9 9 9	3	2	3	5	5	6	6	7	6	6	7	7	6	4
14	6	6	6	6	5	5	9 9 9 9	5	5	5	6	6	6	6	6	6	6	6	5	5	6	6	5	5	6
15	5	5	5	5	5	5	9 9 9 9	5	7	7	9	8	4	4	4	4	4	5	5	5	5	4	4	4	5
16	4	4	3	3	2	2	9 9 9 9	4	5	4	9 9 9 9	6	6	6	5	6	6	6	7	6	6	6	6	5	5
17	5	5	5	5	6	6	9 9 9 9	6	7	6	6	6	6	5	3	2	3	2	3	3	4	3	3	3	4
18	2	2	1	1	2	2	9 9 9 9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
19	2	2	3	2	2	2	9 9 9 9	3	3	3	3	2	2	3	3	3	3	3	4	4	5	6	6	7	3
20	7	6	6	5	5	5	9 9 9 9	6	9 9 9 9	9 9 9 9	2	2	2	2	2	2	2	2	4	3	3	2	3	3	4
21	3	5	6	5	7	6	9 9 9 9	4	5	5	4	3	4	5	5	3	4	1	1	1	4	5	5	3	4
22	1	1	0	0	1	1	9 9 9 9	4	5	7	6	6	9 9 9 9	8	8	8	9	9	9	9	9	9	8	8	6
23	8	7	7	7	7	7	9 9 9 9	8	8	8	2	3	2	2	2	2	3	3	6	9	9	9	9	9	6
24	9	9	8	8	8	8	9 9 9 9	7	5	5	2	2	2	2	2	2	5	5	6	9	10	11	11	12	7
25	11	10	10	10	9	9	9 9 9 9	10	10	11	12	12	10	8	8	8	7	7	7	7	7	7	8	8	9
26	8	7	5	4	2	2	9 9 9 9	5	6	9	9	6	6	6	5	6	6	7	5	3	3	2	2	3	5
27	3	3	2	2	2	2	9 9 9 9	4	5	3	3	3	3	4	4	4	4	8	10	10	10	10	9	8	8
28	8	8	8	8	8	8	9 9 9 9	6	8	8	8	8	8	7	7	8	8	8	7	8	9	9	9	8	6
29	7	4	3	2	2	3	9 9 9 9	4	6	6	5	5	5	5	5	6	7	8	8	7	7	7	7	6	6
30	8	8	8	7	6	7	9 9 9 9	6	6	6	5	5	5	5	5	6	7	7	7	8	7	7	7	6	6
31	6	5	5	4	4	4	9 9 9 9	5	4	5	5	6	6	6	7	8	7	7	8	8	9	9	9	7	6
MEAN	6	5	5	5	4	4	1	5	5	6	5	5	5	5	5	5	5	5	6	6	6	6	6	6	5

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	6	6	6	6	9 9 9 9	6	6	6	5	6	6	6	6	7	7	7	6	6	6	4	6	6	6
2	7	6	4	4	5	4	9 9 9 9	6	7	9 9 9 9	5	5	5	5	5	5	6	6	6	7	7	7	6	5	6
3	6	6	5	4	4	4	9 9 9 9	6	7	7	7	6	7	8	8	10	10	11	11	10	8	8	8	8	7
4	8	7	7	7	8	8	9 9 9 9	7	8	7	7	6	6	6	7	7	7	6	4	3	4	4	4	5	6
5	5	3	2	2	2	2	9 9 9 9	3	3	3	3	3	3	3	3	4	4	5	5	7	8	8	7	6	4
6	4	4	3	3	2	2	9 9 9 9	4	6	6	6	6	5	4	4	5	7	7	7	8	8	8	8	6	5
7	6	8	8	6	4	2	9 9 9 9	3	5	4	4	4	4	5	6	8	8	8	9	9	9	8	7	8	6
8	8	8	6	5	5	6	9 9 9 9	5	4	4	3	3	2	2	4	4	4	5	3	2	3	2	2	3	4
9	5	5	6	6	5	4	9 9 9 9	5	5	4	4	4	4	4	5	4	5	6	5	5	4	5	4	4	5
10	6	6	6	6	3	2	9 9 9 9	5	4	9 9 9 9	2	2	3	3	4	4	4	4	4	5	2	2	1	1	4
11	1	2	2	2	2	2	9 9 9 9	4	3	2	2	2	2	2	2	2	2	3	3	4	6	7	7	7	3
12	6	3	1	2	4	5	9 9 9 9	7	5	3	1	1	1	1	1	1	2	2	2	2	2	3	4	6	3
13	6	5	5	5	5	5	9 9 9 9	2	2	2	2	2	2	2	2	2	2	2	3	5	6	7	7	5	6
14	6	6	6	6	6	6	9 9 9 9	4	5	4	4	3	3	3	3	4	4	4	4	6	7	7	7	5	6
15	8	4	5	6	6	6	9 9 9 9	4	4	3	3	4	4	4	4	4	4	4	4	6	7	7	8	5	6
16	4	4	3	3	2	2	9 9 9 9	4	4	3	3	4	2	2	2	2	2	4	4	5	1	1	1	0	3
17	0	0	0	0	0	0	9 9 9 9	2	1	9 9 9 9	3	4	3	3	3	4	4	5	5	5	6	7	6	5	3
18	5	3	3	2	5	5	9 9 9 9	6	7	6	7	7	8	8	12	13	13	10	10	11	13	10	10	8	8
19	10	10	8	8	9	9	9 9 9 9	9	1	9 9 9 9	8	9	10	9 9 9 9	10	10	10	10	11	7	11	12	7	9	9
20	11	11	11	9	9	8	9 9 9 9	7	7	6	5	5	5	6	8	10	10	10	10	11	10	5	7	12	8
21	11	9	10	8	8	6	9 9 9 9	12	12	12	11	12	12	5	3	4	4	4	4	2	4	3	3	5	7
22	4	4	2	2	2	1	9 9 9 9	1	1	2	2	2	3	2	1	0	1	1	1	2	2	4	4	2	2
23	2	2	1	2	2	2	9 9 9 9	6	6	6	5	5	4	3	3	3	6	6	6	6	6	6	6	5	4
24	5	4	3	3	2	2	9 9 9 9	4	3	3	3	9 9 9 9	4	4	5	5	4	4	4	7	8	8	8	5	5
25	8	7	7	5	9	7	9 9 9 9	6	7	7	8	5	6	6	8	7	7	9	10	8	9	11	12	11	8
26	12	10	8	3	3	4	9 9 9 9	5	6	8	6	6	8	8	9	8	10	10	11	13	13	13	13	14	9
27	14	12	12	10	9	9	9 9 9 9	9	10	10	9 9 9 9	9	9	8	10	10	11	10	7	5	3	3	3	9	9
28	2	5	5	4	4	3	9 9 9 9	4	3	3	3	2	2	3	3	5	5	6	5	6	7	9	7	6	4
29	6	7	7	5	5	5	9 9 9 9	2	2	2	2	2	1	1	1	1	3	4	5	9	11	12	13	13	5
30	12	10	10	11	12	11	9 9 9 9	11	11	11	10	10	9	7	9	9	10	10	12	13	10	10	12	14	11
MEAN	7	6	5	5	5	4	5	5	5	5	5	5	5	4	5	5	6	6	6	6	7	6	7	6	6

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	13	13	13	13	***	11	11	***	***	11	13	12	13	14	14	15	15	15	15	15	15	15	14
2	15	13	4	4	4	7	***	10	10	9	8	9	8	7	7	7	7	7	9	10	10	9	8	7	8
3	3	2	2	2	2	5	***	8	6	6	6	7	7	8	9	10	10	10	11	9	8	6	8	7	8
4	7	5	5	5	5	6	***	9	9	***	***	***	***	***	***	4	4	5	5	5	5	2	4	5	5
5	2	4	3	3	3	4	***	3	3	2	2	2	2	1	1	1	2	2	4	5	5	6	7	6	3
6	6	6	7	7	5	5	***	5	7	5	3	3	2	3	3	2	8	4	5	6	6	6	10	8	5
7	10	10	10	10	10	9	***	12	15	***	10	8	8	9	9	8	8	10	11	12	9	5	9	10	10
8	10	9	8	7	8	9	***	10	12	10	11	11	12	12	11	11	11	11	11	9	3	4	4	9	9
9	3	2	2	2	3	3	***	6	5	4	4	3	3	3	4	5	5	4	5	8	6	4	3	2	4
10	2	1	1	1	2	3	***	6	***	4	4	5	5	5	6	7	7	5	6	3	7	10	9	10	5
11	9	7	6	3	2	5	***	***	***	4	4	3	3	3	3	4	4	5	5	7	8	6	7	7	5
12	6	5	4	3	2	3	***	4	4	4	4	4	4	4	3	4	4	3	2	3	3	2	3	3	3
13	3	3	3	1	1	1	***	1	1	1	1	2	1	2	2	2	2	2	2	3	4	4	4	3	2
14	3	3	2	2	2	4	***	6	4	4	3	7	7	6	6	8	9	9	7	8	9	9	9	9	6
15	7	5	5	4	5	6	***	5	4	3	7	8	9	9	7	6	6	5	5	5	6	7	6	5	6
16	2	1	2	3	4	5	***	6	5	5	5	5	5	4	4	5	6	5	5	4	3	3	3	3	4
17	4	4	4	4	5	5	***	5	4	4	2	2	3	4	4	5	5	4	5	6	4	5	3	3	4
18	2	2	3	3	4	5	***	5	6	***	4	3	4	5	5	5	5	5	6	6	7	6	7	5	5
19	7	7	7	6	6	6	***	5	7	7	7	7	5	5	5	5	5	5	6	11	13	14	12	12	8
20	14	12	11	11	10	10	***	7	10	9	10	7	8	9	5	7	10	9	10	10	6	5	5	4	9
21	5	6	5	3	3	4	***	3	3	4	1	1	1	0	0	1	1	2	4	6	6	6	6	5	3
22	4	2	3	2	6	7	***	7	***	6	5	5	5	6	7	7	8	4	4	6	7	6	7	6	6
23	6	6	7	7	7	7	***	8	10	10	10	11	10	9	12	15	12	14	13	13	12	10	9	7	10
24	7	9	6	6	6	6	***	7	6	6	6	6	6	6	7	8	8	5	5	5	6	6	5	6	6
25	4	7	7	7	8	8	***	10	7	9	11	9	8	9	8	7	5	5	8	13	13	12	9	7	8
26	6	7	5	5	5	6	***	4	5	5	6	6	6	7	7	6	8	10	10	***	8	8	8	9	7
27	6	5	5	5	5	4	***	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	6	7	10	14	9	11	7	5	6	7	8	9	6	***
29	2	1	1	1	1	2	***	4	3	3	3	3	4	3	4	4	4	4	2	2	3	4	4	5	3
30	3	2	1	1	2	2	***	4	5	6	6	5	6	7	5	4	6	6	6	6	6	6	6	5	3
31	5	6	4	2	3	4	***	5	5	4	***	***	***	***	4	4	5	5	5	5	5	5	4	4	4
MEAN	6	6	5	4	5	5	***	6	6	5	6	6	6	6	6	6	7	6	7	7	7	6	6	6	6

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	1	2	2	3	***	6	5	4	4	4	4	4	5	5	4	3	4	8	8	8	9	8	5
2	8	7	7	7	5	5	***	6	6	7	6	6	6	6	6	6	7	8	9	9	9	8	8	7	4
3	8	8	8	8	8	7	***	7	5	6	7	7	8	9	7	8	9	9	8	8	8	9	9	8	8
4	9	9	9	8	5	3	***	5	***	3	3	4	5	4	4	5	5	4	5	6	5	7	6	5	5
5	3	2	1	1	2	4	***	4	4	4	4	4	3	3	3	4	4	3	5	5	4	4	4	3	3
6	3	2	1	1	1	3	***	4	4	3	3	4	4	4	4	6	7	6	5	5	4	5	5	4	4
7	3	2	2	2	3	4	***	6	5	4	4	4	5	5	5	6	4	4	5	4	5	7	6	4	4
8	3	2	1	2	2	4	***	6	5	4	4	4	4	4	4	4	5	5	5	6	5	4	4	4	4
9	3	2	2	1	1	***	3	4	4	3	3	3	2	2	3	2	2	2	2	3	5	6	4	3	3
10	4	4	4	4	3	3	***	3	2	2	2	4	3	3	3	3	3	3	4	5	4	3	2	4	3
11	2	2	2	2	2	2	4	***	7	6	***	3	3	2	3	4	4	3	4	4	4	5	4	3	3
12	3	2	2	1	2	4	***	7	5	5	3	3	2	3	4	4	4	4	4	4	4	7	7	4	4
13	5	1	2	2	3	4	***	6	5	2	3	1	2	***	1	3	2	2	2	3	7	7	7	6	3
14	6	5	4	3	4	5	***	5	5	3	2	2	1	2	2	2	1	1	1	3	6	8	8	4	4
15	7	7	6	5	4	6	***	8	8	7	10	8	8	7	8	7	8	7	8	7	8	7	7	7	7
16	7	7	7	7	6	6	***	7	9	7	7	7	4	6	9	7	6	8	7	5	6	6	5	3	6
17	5	2	2	3	4	3	***	3	3	4	4	5	4	4	5	5	6	6	6	7	8	7	8	5	5
18	5	2	4	3	3	3	***	4	4	***	2	4	6	4	8	8	9	8	8	8	8	8	8	7	6
19	7	7	7	6	6	6	***	7	***	***	8	8	6	6	7	10	9	8	8	7	8	6	6	9	7
20	8	7	6	7	7	7	***	7	6	5	5	6	5	5	6	7	6	3	4	5	5	6	6	5	6
21	4	3	3	3	5	7	***	10	8	9	8	8	7	6	6	7	7	6	7	9	9	11	14	15	7
22	9	6	3	3	5	7	***	9	8	7	6	6	6	7	6	6	5	5	7	9	14	12	11	9	7
23	10	10	10	6	4	6	***	6	5	4	3	3	3	4	4	4	5	5	7	9	11	11	10	7	7
24	5	5	2	2	2	2	***	3	2	2	2	3	4	1	1	1	2	3	4	5	7	10	11	11	4
25	10	8	8	7	6	6	***	7	***	***	7	6	8	8	8	10	11	7	6	6	8	10	10	11	8
26	10	9	9	9	8	8	***	11	10	14	15	6	6	5	6	7	8	6	6	8	4	7	9	8	8
27	4	4	5	2	2	5	***	7	6	5	5	5	6	5	5	6	7	6	7	7	7	6	10	4	5
28	6	3	1	1	2	3	***	5	4	4	3	3	4	5	6	7	8	6	4	5	6	6	6	5	4
29	3	1	2	1	1	3	***	3	3	3	4	4	4	3	3	5	5	5	5	7	8	8	8	8	4
30	9	9	9	8	7	7	***	7	5	3	4	5	4	4	4	4	4	5	5	5	5	4	5	5	6
MEAN	6	5	4	4	4	5	4	6	5	5	5	5	5	5	5	5	6	5	5	6	7	7	7	7	5

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN										UNITS - PARTS PER HUNDREDMILLION															
STATION - BARTON/WENTWORTH HAM. OAMST										NO 29025															
										MONTH JUL 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	3	3	3	***	2	2	2	2	2	2	2	2	2	2	2	3	4	5	5	4	5	3
2	6	6	4	4	6	7	***	5	6	8	9	9	7	3	3	3	3	4	5	6	6	5	5	4	5
3	2	2	1	2	2	5	10	***	***	3	2	2	4	7	8	7	5	2	4	3	4	6	6	6	4
4	7	6	6	6	5	6	***	9	6	4	4	4	4	4	4	6	6	6	9	9	8	8	7	7	6
5	6	5	5	3	3	4	***	4	3	2	2	2	3	2	3	4	3	2	3	4	6	7	6	6	4
6	5	4	4	3	5	5	***	7	6	6	5	4	3	4	5	6	7	6	6	7	7	7	7	6	5
7	3	3	3	2	2	3	***	4	5	4	4	3	3	3	3	3	3	3	4	4	4	4	4	3	3
8	3	2	2	1	1	1	***	2	2	4	2	2	2	2	1	1	1	1	2	2	3	3	3	2	2
9	2	1	2	2	2	4	***	***	***	3	3	2	2	3	3	3	3	5	7	7	6	5	4	3	3
10	5	5	5	5	5	4	***	6	6	6	6	6	5	5	4	4	3	3	2	3	3	3	3	3	4
11	3	3	3	3	2	2	***	2	2	2	2	2	1	2	2	2	2	1	1	2	3	4	4	5	2
12	4	3	4	4	4	4	***	4	4	4	3	3	4	4	5	5	5	4	4	5	5	6	5	4	4
13	3	2	2	2	2	2	***	5	5	4	4	4	4	4	5	5	6	4	4	5	4	6	5	4	4
14	6	2	2	2	2	4	***	4	4	3	3	3	3	3	3	3	2	3	4	4	6	6	6	4	4
15	6	6	6	6	5	4	***	3	2	1	1	1	1	1	1	1	1	2	1	3	3	4	3	4	3
16	4	3	2	3	3	4	***	6	6	5	5	2	3	3	2	3	3	3	3	4	6	7	7	7	4
17	7	6	5	5	5	5	***	6	7	6	7	6	5	6	6	6	7	6	7	7	6	7	7	7	6
18	6	6	6	6	5	5	***	9	12	14	12	8	8	8	8	8	7	7	8	8	9	10	10	8	8
19	9	10	5	3	5	6	***	10	9	8	6	6	4	5	7	8	6	5	5	6	5	6	4	6	6
20	3	1	1	1	2	6	***	10	7	4	3	9	17	16	11	11	8	7	9	11	8	15	9	8	8
21	7	5	6	3	2	2	***	5	6	5	3	3	3	2	2	1	1	2	3	5	6	6	6	5	4
22	4	3	3	5	3	4	***	5	5	4	4	4	3	3	3	3	3	3	5	7	7	7	7	7	4
23	6	6	6	6	6	6	***	7	***	***	4	4	4	4	4	6	7	7	6	7	9	9	8	8	6
24	8	8	8	8	8	7	***	7	8	10	11	11	12	12	7	5	5	6	8	6	9	10	7	9	8
25	6	5	6	7	7	7	***	8	10	10	9	9	8	7	8	7	6	6	8	10	8	8	7	6	8
26	5	4	3	2	3	4	***	5	5	5	5	5	5	6	6	6	6	5	6	5	4	3	3	2	5
27	2	2	1	1	2	3	***	4	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	- DATA MISSING -																								
29	- DATA MISSING -																								
30	***	***	***	***	***	***	***	***	3	3	2	2	2	2	2	3	3	2	2	3	4	3	4	4	***
31	4	5	5	4	3	2	***	5	5	4	3	4	3	3	1	5	5	4	3	5	5	6	5	6	4
MEAN	5	4	4	4	4	4	7	6	5	5	5	4	4	5	4	5	4	4	5	5	6	6	6	5	5
PERCENTAGE OF DATA VALID -					86																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN										UNITS - PARTS PER HUNDREDMILLION															
STATION - BARTON/WENTWORTH HAM OAMST										NO 29025															
MONTH AUG 73																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	2	4	4	2	*****	5	5	5	5	4	4	4	4	4	4	5	5	6	4	5	6	5	4
2	4	5	4	3	4	4	*****	5	4	3	3	3	3	3	3	2	3	3	3	3	4	4	4	3	3
3	2	2	1	1	1	2	*****	3	3	1	1	2	2	1	1	3	3	2	1	3	4	4	3	3	2
4	3	3	2	2	1	2	*****	2	2	2	2	2	1	1	1	1	1	1	1	3	4	3	3	4	2
5	4	4	4	2	2	2	*****	2	2	2	2	2	1	1	1	1	0	0	1	2	3	3	3	2	2
6	1	1	1	1	1	1	*****	2	2	2	2	2	2	2	2	2	2	1	1	3	4	4	4	3	2
7	2	2	0	0	1	2	*****	2	2	2	2	2	2	2	3	3	3	2	1	2	3	3	2	1	2
8	1	0	1	1	2	*****	4	4	4	3	3	2	1	2	2	2	2	1	2	2	2	2	1	1	2
9	1	0	1	1	1	*****	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1
10	1	1	1	1	2	*****	4	4	3	3	3	3	3	3	3	4	4	3	4	6	6	6	6	3	3
11	5	4	3	3	2	3	*****	4	4	4	4	3	2	3	3	2	3	3	4	3	4	4	4	4	3
12	4	3	2	2	1	2	*****	1	1	1	1	1	1	1	1	1	1	1	1	2	5	4	5	4	2
13	3	2	2	2	2	3	*****	4	2	1	1	2	2	2	3	6	6	4	4	4	4	5	4	4	3
14	4	4	4	5	4	4	*****	3	5	4	4	5	4	5	5	5	5	5	6	6	6	5	4	4	5
15	4	3	3	2	2	2	*****	1	1	1	2	2	2	2	3	3	3	2	2	3	4	4	3	3	3
16	3	3	3	3	3	3	*****	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3
17	4	3	3	3	4	3	*****	2	2	*****	1	1	1	2	3	4	4	3	3	2	3	4	4	5	3
18	5	5	5	4	3	3	*****	2	2	1	2	2	1	1	1	1	2	2	2	2	2	3	3	3	3
19	3	3	2	3	2	2	*****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
20	2	2	2	2	2	2	*****	2	2	2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
21	- DATA MISSING -																								
22	- DATA MISSING -																								
23	- DATA MISSING -																								
24	- DATA MISSING -																								
25	- DATA MISSING -																								
26	- DATA MISSING -																								
27	- DATA MISSING -																								
28	*****	*****	*****	*****	*****	*****	*****	*****	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	1	*****
29	1	1	1	1	1	2	*****	5	*****	2	2	1	1	2	3	3	3	4	3	4	5	6	6	6	3
30	5	4	3	3	3	4	*****	4	3	3	2	2	2	2	3	3	3	3	3	2	2	3	2	2	3
31	2	1	1	2	3	5	*****	4	*****	2	2	2	2	2	2	3	3	3	4	4	4	3	4	3	3
MEAN	3	3	2	2	2	3	4	3	3	2	2	2	2	2	2	3	3	2	3	3	4	4	3	3	3
PERCENTAGE OF DATA VALID -		73																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	2	2	4	3	2	2	2	2	2	2	3	3	2	1	2	3	3	3	3	2
2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
3	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2
4	2	2	2	2	2	2	3	***	***	***	3	2	2	3	3	3	3	5	8	9	6	5	4	3	2
5	4	4	2	2	2	2	***	5	4	2	3	3	3	3	4	5	3	4	5	4	3	2	3	2	3
6	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	1	2	2	2	2	3	3	3	2	2
7	2	2	2	1	1	2	2	2	***	1	1	1	1	1	1	2	2	2	3	4	4	3	3	2	2
8	2	2	2	1	1	1	***	1	2	1	0	***	0	0	0	0	0	0	1	1	0	***	0	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	***	***	***	***	***	***	***	***	***	***	***	***	1	2	3	3	2	2	2	2	1	1	1	***
11	1	1	0	0	1	2	***	4	4	3	2	3	2	2	2	2	2	2	2	3	3	3	3	3	2
12	3	2	2	1	1	3	***	4	1	***	***	***	***	***	1	1	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	***	1	1	0	0	2	2	2	2	2	2	1	1	1	1	1	1	2	1
14	2	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	1	2	3	3	3	4	2	2
15	5	5	***	***	***	***	***	***	***	***	***	***	***	***	2	2	***	***	***	***	***	***	***	***	***
16	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	2	2	2	2	2	2	2	***
18	2	2	2	2	2	2	***	1	1	1	1	1	2	2	2	2	1	2	3	4	4	4	4	2	2
19	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3
20	3	2	2	2	2	3	***	1	***	***	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1
21	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	2	2	2	***
22	2	2	2	2	2	2	***	1	1	0	0	0	1	1	1	1	2	3	2	2	2	2	2	2	***
23	3	3	3	3	3	2	***	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	4	4	4	4	4	4	***	***	***	***	0	0	0	0	1	2	2	2	3	3	3	3	3	4	3
27	3	3	3	3	3	3	***	1	***	***	3	3	3	3	3	3	4	3	4	3	4	4	4	4	3
28	4	4	4	4	4	4	***	3	3	3	3	2	2	2	2	2	3	3	4	4	4	4	4	4	3
29	4	4	4	4	4	4	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
30	3	2	2	2	2	2	***	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	3	2	3	3	2	2

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	2	***	1	2	3	4	5	5	5	5	4	4	4	4	4	4	4	3	3	3
2	3	3	3	2	3	2	***	***	***	1	1	1	1	1	2	2	2	2	2	4	3	3	3	3	2
3	3	3	3	3	3	3	***	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	1	1	0	0	0	0	0	0	***
5	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	2	2	0	0	0	0	0	0	***
6	3	3	2	2	2	3	3	***	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2
7	4	4	4	3	3	3	3	***	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	4	3	3	3	***	2	2	2	2	3	3	3	3	3	3	3	4	5	5	5	5	3
9	5	5	5	5	5	5	***	3	3	3	3	3	4	5	5	5	5	4	5	5	6	6	7	7	5
10	6	6	5	5	5	5	***	***	3	5	5	5	6	6	7	6	6	5	5	5	5	5	4	4	5
11	4	3	3	3	3	3	***	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	3	3	3
12	3	3	3	3	3	2	3	***	3	3	3	3	3	1	2	4	4	3	3	3	2	2	2	2	3
13	2	3	2	1	1	1	1	***	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
14	1	1	0	0	0	0	0	***	0	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	1
15	2	2	2	2	2	2	2	***	3	2	2	2	2	2	2	1	2	2	3	3	3	2	2	2	2
16	2	1	1	1	1	1	2	***	1	1	1	1	1	1	1	***	1	1	1	1	1	2	2	2	1
17	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1
18	1	1	1	1	1	0	2	2	2	1	1	***	1	1	1	1	1	1	2	3	3	3	3	2	2
19	3	2	2	2	3	3	3	3	4	5	2	2	2	2	3	4	4	5	4	4	3	3	3	4	3
20	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
21	1	2	3	4	3	3	4	4	4	3	2	3	2	2	1	1	1	2	2	1	1	1	1	1	2
22	1	1	1	1	1	1	2	2	2	2	4	2	***	***	3	4	4	3	3	3	4	4	3	3	2
23	1	1	1	1	1	1	2	2	2	1	2	2	2	1	2	4	3	3	3	2	1	2	3	3	2
24	3	2	1	1	1	1	1	1	3	4	5	2	2	2	2	4	4	4	4	4	4	4	4	4	3
25	3	3	2	2	2	2	3	3	4	4	5	3	3	3	3	4	4	4	4	4	4	4	4	4	4
26	3	3	2	2	2	2	3	***	***	***	***	***	***	***	***	5	5	5	5	4	4	4	4	4	3
27	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2
29	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
30	2	3	3	4	3	3	3	3	3	3	3	3	1	0	1	0	0	0	0	0	0	0	0	0	2
31	***	***	***	***	***	***	***	***	***	***	***	***	1	2	1	1	1	1	2	1	1	1	0	0	***
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN										UNITS - PARTS PER HUNDREDMILLION															
STATION - BARTON/WENTWORTH HAM OAMST										NO 29025															
										MONTH NOV 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	1
2	1	1	0	0	1	1	1	1	1	1	2	2	2	2	1	1	3	3	3	2	2	2	2	2	2
3	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1	2	2	1	2	1	2	2	2	1
4	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	1
5	2	2	2	2	2	2	2	1	2	0	0	1	1	1	2	2	2	2	2	1	1	1	1	1	1
6	1	1	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1
7	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	3	3	3	3	2	2	2	2
8	1	1	1	1	0	1	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1
9	0	0	0	0	0	0	0	2	2	2	2	2	2	2	1	2	2	2	1	1	1	2	1	1	1
10	1	0	2	2	1	2	2	2	2	2	0	0	1	1	1	2	2	3	3	2	2	3	1	1	2
11	1	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	2	2	2	2	3	3	1
12	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	3	3	3	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
14	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	1	1	3	3	3	3	3	1	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	3	2	4	4	5	5	4	3
17	3	4	4	3	3	3	4	3	2	4	4	3	2	3	2	3	3	4	3	3	3	4	4	3	3
18	5	5	5	5	4	4	4	4	4	4	4	4	3	3	3	4	3	3	4	4	4	4	4	4	4
19	4	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	3
20	2	1	1	1	1	3	2	3	4	2	1	1	1	1	2	2	4	4	4	3	3	3	4	2	2
21	4	4	4	4	4	3	3	3	4	3	5	4	4	4	4	5	4	4	2	2	2	2	2	2	3
22	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	4	4	4	4	2	2	2	3
23	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	4	4	4	4	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	3	3	2	2	2	2	3	3	4	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
30	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3	4	3	3	3	4	3	2	2	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -										97															

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - BARTON-WENTWORTH HAM OAMST													NO 29025												
													MONTH DEC 73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	3	2	2	1
2	3	3	3	3	2	3	3	3	3	3	3	3	3	4	5	5	5	6	7	7	7	8	7	8	5
3	9	6	7	8	6	4	2	3	6	5	3	4	3	3	5	6	8	8	6	4	6	5	4	4	5
4	3	3	3	2	2	3	3	3	6	10	11	4	5	3	2	2	2	2	3	3	3	3	3	2	3
5	4	4	3	4	3	4	3	3	6	10	11	9	7	6	3	4	4	4	4	3	3	2	2	2	5
6	2	1	1	2	1	1	1	1	6	7	5	4	4	4	4	5	5	6	6	4	4	4	4	4	4
7	3	3	2	1	2	2	2	2	4	6	5	7	5	6	6	9	8	7	9	6	5	10	14	8	6
8	9	8	4	4	4	4	7	5	7	10	7	5	9	9	5	9	6	4	6	6	7	6	4	8	6
9	6	8	5	9	10	10	4	4	4	6	4	4	5	4	6	5	6	6	6	6	5	6	3	6	6
10	5	8	10	5	6	3	3	3	6	2	2	3	3	3	2	5	4	4	7	4	4	6	4	5	5
11	5	3	3	3	4	4	5	5	5	5	5	3	2	3	3	3	4	4	4	6	4	3	5	5	4
12	3	3	4	4	3	3	4	4	4	3	5	3	4	4	4	5	5	5	6	5	4	4	4	4	4
13	4	6	7	5	4	7	6	5	5	6	4	4	6	5	5	5	5	6	6	5	6	3	2	2	5
14	2	1	1	1	1	1	1	1	2	1	2	2	2	3	2	3	3	3	3	2	1	2	2	1	2
15	2	1	2	1	1	2	2	2	2	3	5	3	3	3	4	4	4	3	3	3	3	3	3	3	3
16	3	2	2	2	1	1	2	2	2	2	2	4	3	3	4	3	3	3	3	3	3	3	3	3	3
17	2	1	1	1	1	1	1	1	3	3	3	2	1	2	4	3	4	3	2	3	3	3	3	4	2
18	3	3	4	4	4	5	6	6	10	10	11	4	3	3	5	5	5	7	7	7	7	10	8	4	5
19	6	6	6	8	8	6	6	6	4	4	4	5	5	3	3	4	4	4	6	7	5	4	4	4	5
20	3	4	4	4	3	3	3	3	4	5	4	3	3	3	3	3	3	3	1	1	1	1	1	1	3
21	2	2	2	2	1	1	2	2	2	5	5	2	2	1	1	2	3	3	3	4	4	3	3	5	2
22	4	4	4	4	4	4	6	6	4	4	5	4	4	4	4	5	5	5	5	4	4	3	3	4	4
23	3	3	3	3	3	4	4	4	4	4	5	3	3	3	2	3	3	3	3	2	3	3	3	3	4
24	2	2	3	3	2	2	2	2	4	4	5	5	3	3	1	2	3	3	3	3	3	4	5	4	3
25	5	6	6	6	6	6	6	6	6	6	8	6	5	5	5	5	5	6	5	3	3	3	3	3	3
26	3	2	2	2	2	2	2	2	4	4	4	2	1	3	3	3	4	3	4	4	3	4	4	4	3
27	4	4	3	3	4	3	3	3	4	4	4	4	4	4	5	5	6	6	6	6	6	6	6	6	4
28	5	5	5	4	4	3	3	3	4	3	3	3	3	3	4	5	5	5	5	5	5	5	4	4	4
29	5	5	5	4	4	3	3	3	4	3	3	3	4	4	4	5	5	5	5	5	5	2	2	2	4
30	3	2	2	2	2	2	2	3	3	2	2	2	2	2	3	4	4	4	4	4	5	5	5	5	3
31	5	5	4	5	5	5	4	5	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	4	4	4	3	3	3	3	4	4	4	4	4	3	3	4	4	4	5	5	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	5	9	19
FEB	27	4	8	12
MAR	31	5	9	12
APR	30	6	11	14
MAY	31	6	14	15
JUN	30	5	8	15
JUL	29	5	8	17
AUG	25	3	5	6
SEP	30	2	3	9
OCT	31	2	5	7
NOV	30	2	4	5
DEC	31	4	6	14
YEAR	347	4	14	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	34	119	188	95	5	12	0	453
FEB	43	195	288	64	10	0	0	600
MAR	22	145	321	191	11	0	0	690
APR	38	149	269	174	48	3	0	681
MAY	29	118	277	183	44	18	0	669
JUN	25	146	295	202	10	5	0	683
JUL	29	203	282	115	10	4	0	643
AUG	126	284	140	0	0	0	0	550
SEP	216	319	61	2	0	0	0	598
OCT	195	354	116	3	0	0	0	668
NOV	239	388	73	0	0	0	0	700
DEC	60	265	301	53	1	1	0	681
YEAR	1056	2685	2611	1082	139	43	0	7616

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.7	1.9	3.1	4.6	7.2	8.7	10.4	11.7	19	4.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
2	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
3	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
4	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
5	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
6	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
7	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
8	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
9	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
10	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
11	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
12	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
13	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
14	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
15	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
16	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
17	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
18	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
19	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
20	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
21	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
22	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
23	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
24	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
25	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
26	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
27	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
28	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
29	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
30	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
31	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
MEAN	2	2	2	1	1	1	2	3	4	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3
PERCENTAGE OF DATA VALID -	64																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
2	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
3	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
4	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
5	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
6	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
7	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
8	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
9	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
10	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
11	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
12	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
13	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
14	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
15	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
16	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
17	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
18	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
19	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
20	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
21	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
22	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
23	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
24	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
25	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
26	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
27	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
28	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
29	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
30	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
31	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -	85																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	5	6	5	4	4	4	2	3	5	4	5	5	5	5	6	5	5	5	6	7	5	5
2	5	6	7	7	6	6	6	6	6	6	6	6	5	6	5	5	5	4	4	4	4	4	4	4	4
3	3	2	2	3	3	2	3	3	3	3	3	4	4	4	5	6	6	5	6	5	5	5	5	5	4
4	5	5	6	7	6	5	6	6	5	4	4	4	5	5	6	6	6	6	5	5	5	5	5	5	5
5	4	4	4	3	4	3	3	3	2	3	3	2	2	1	2	2	2	2	2	2	2	1	1	2	2
6	2	1	1	1	2	2	3	4	3	3	3	3	3	3	3	3	5	6	6	5	5	4	4	4	3
7	3	3	2	3	3	3	3	4	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	4
8	5	5	5	5	4	5	5	5	5	5	5	4	4	3	3	5	5	5	4	4	4	4	3	4	4
9	4	4	4	4	4	3	3	3	3	2	1	1	1	1	2	3	3	3	3	4	3	4	4	3	3
10	3	2	1	1	1	1	1	2	3	4	3	3	3	5	4	4	4	5	5	4	4	3	3	4	3
11	4	4	3	3	3	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	3
12	3	4	4	4	3	2	2	3	3	3	2	2	2	2	3	3	3	3	3	3	4	4	4	4	3
13	4	3	3	3	3	3	4	5	5	5	4	4	4	3	4	4	5	5	5	5	5	5	5	5	4
14	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
15	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
16	3	3	2	2	2	2	3	3	3	3	4	3	4	4	3	4	4	4	4	4	3	3	2	2	3
17	2	2	2	2	1	1	2	2	3	3	2	2	3	3	3	3	3	2	2	2	1	1	1	1	2
18	1	1	1	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1
19	1	1	1	1	1	1	2	3	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	3
20	4	4	2	2	2	2	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4
21	4	4	4	4	3	4	4	4	4	3	3	3	4	4	4	4	4	4	5	5	4	4	4	4	4
22	3	3	2	2	2	2	3	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4
23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6	6	6	5	5	5	5	4
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6	6	6	6	7	7	5	5
25	6	6	5	5	4	4	5	5	5	6	5	3	3	4	3	4	3	3	3	3	5	5	5	5	5
26	5	4	2	1	1	2	4	5	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
27	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
28	5	5	5	4	3	4	3	3	2	2	2	2	3	3	4	5	5	5	5	4	4	5	6	6	5
29	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
30	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
31	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	4	4	3	3	3	3	3	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2	4	4	3	3	3	3	4	4	4	4	4	5	4	5	3	2	6	7	7	6	6	6	6	6	5
3	5	5	4	4	5	5	4	4	4	4	5	4	4	4	4	5	4	4	4	3	3	3	3	3	4
4	2	2	1	1	1	1	1	2	2	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	3
5	4	3	3	2	2	3	3	3	4	4	4	3	5	5	5	6	6	6	5	5	5	5	5	5	4
6	5	4	4	3	3	3	3	4	4	4	4	3	2	2	2	3	4	3	3	4	5	5	4	4	4
7	4	4	3	3	2	2	2	2	3	3	3	4	4	4	4	5	5	4	5	4	4	4	4	4	4
8	4	4	4	4	3	4	5	5	3	3	1	2	1	1	2	3	3	3	3	4	4	4	4	4	4
9	4	4	4	4	3	4	5	5	3	3	1	2	1	1	2	3	3	3	3	4	4	4	4	4	3
10	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
11	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	5	4
12	4	4	4	3	4	5	5	5	5	5	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4
13	4	4	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	4	5	5	5	5	4	5	4
14	4	4	4	4	4	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
15	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
16	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	5	3	3	3	3	3	2	3
18	6	6	5	6	6	6	6	7	7	7	9	6	4	3	3	2	2	5	6	5	5	6	6	6	5
19	5	4	4	4	4	3	3	3	3	3	3	5	5	5	5	7	6	6	5	6	8	8	7	3	5
20	2	3	2	2	2	2	2	1	1	1	1	0	0	0	0	0	1	2	2	2	2	1	2	1	1
21	2	2	3	2	2	1	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
25	4	4	3	4	4	4	4	4	3	2	1	1	2	2	2	2	3	4	4	4	4	4	4	4	4
26	5	4	3	3	3	3	4	5	6	6	3	2	2	2	2	2	3	3	2	3	6	7	7	7	4
27	6	6	5	5	4	3	5	5	4	4	5	4	3	5	5	4	4	4	4	4	4	4	4	4	4
28	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3
29	3	4	4	4	3	2	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	4	4
30	4	4	4	5	4	4	4	3	3	3	2	2	3	4	4	4	5	5	4	4	3	3	2	2	4
MEAN	4	4	3	3	3	3	4	4	4	4	4	3	3	3	3	4	4	4	4	4	5	5	4	4	4

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	3	3	2	***	3	3	3	3	3	4	4	4	4	5	5	5	5	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	5	5	4	3	3	4	5	4	4	3	3	4	2	3	3	3	4	4	3	4	5	6	6	6	4
11	6	6	5	3	2	4	5	5	5	4	3	3	3	***	4	4	4	4	4	4	4	4	4	4	4
12	4	4	3	3	3	3	4	3	3	4	4	4	4	5	6	5	4	4	4	4	3	2	2	2	4
13	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	3	3	2
14	3	3	3	3	3	3	4	4	5	4	3	4	4	3	3	3	3	4	4	4	4	4	4	4	4
15	4	3	3	3	3	3	3	4	5	4	***	***	3	4	4	4	4	4	3	5	4	4	4	5	4
16	4	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	3	3	3	3	3
17	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	3	3	4	3	3
18	2	2	2	1	2	2	3	3	3	2	3	3	3	3	3	4	3	3	3	4	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	5	8	7	6	3
20	6	6	7	7	6	6	6	6	6	6	5	2	1	1	1	1	1	1	1	1	3	6	6	6	4
21	5	4	3	2	1	3	4	4	4	4	4	5	6	6	6	6	5	5	5	5	5	5	5	4	4
22	3	2	2	2	3	4	4	4	4	4	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	4	4	3	3	4	4	4	4	3	2	2	2	1	2	2	2	3	3	3	3	5	5	6	6	3
24	6	5	4	4	4	5	6	6	6	6	6	3	5	4	4	2	3	3	3	2	2	2	2	4	4
25	3	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	0	0	0	1
26	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	4	3	1	1	1	1
27	2	2	2	1	1	2	2	2	3	2	1	1	1	1	1	1	2	2	1	1	0	1	1	1	1
28	1	0	0	0	0	1	2	3	3	3	2	2	2	2	3	2	4	5	7	5	3	4	4	4	3
29	3	3	3	1	1	2	3	3	3	3	4	4	4	4	4	3	3	3	3	2	2	2	2	2	3
30	2	2	2	2	2	3	3	3	3	3	2	1	***	***	2	3	3	2	3	3	3	3	3	3	3
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	5	5	4	3
MEAN	3	3	3	2	2	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	3	5	5	5	4	3	3	4	5	5	5	6	5	5	5	4	4	4	4	4
2	4	3	3	2	2	3	3	3	5	4	1	1	1	1	5	1	2	3	3	3	3	3	3	3	3
3	3	3	3	2	2	3	3	1	1	1	0	0	1	1	1	0	1	1	1	1	2	3	3	3	3
4	3	3	2	1	2	2	3	3	3	4	2	2	3	3	1	2	3	3	3	4	4	3	3	3	3
5	3	2	2	1	1	2	3	3	3	2	1	1	1	1	2	1	1	1	2	3	3	2	1	1	3
6	1	0	0	0	0	1	2	2	2	2	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3
7	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	5	5	4	3
8	3	2	2	1	1	2	3	3	3	3	1	0	0	1	2	2	2	1	3	3	4	2	2	3	3
9	2	2	2	1	1	2	2	2	5	4	3	4	5	5	4	4	4	4	4	5	4	3	3	3	3
10	3	3	3	3	3	2	2	2	1	1	3	2	1	1	1	1	1	2	2	4	4	5	4	4	2
11	4	5	3	4	3	4	5	6	6	4	3	2	1	5	3	3	6	5	4	2	3	2	2	3	4
12	3	3	4	3	3	6	6	6	6	6	5	3	5	6	4	5	5	5	5	6	5	5	5	5	5
13	5	4	3	3	4	5	5	5	5	6	4	4	4	4	3	4	4	3	3	3	3	3	3	3	4
14	3	3	3	3	3	3	3	3	3	3	1	5	4	4	5	5	4	4	4	4	4	4	3	3	4
15	4	3	3	2	3	3	3	3	3	3	2	1	1	1	1	2	3	3	3	2	2	2	2	3	2
16	3	3	3	2	3	3	3	3	3	4	5	6	6	6	6	4	3	2	3	3	3	3	3	3	4
17	2	3	3	3	3	3	3	3	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2
18	1	2	2	2	3	4	5	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	3	4	3
19	3	2	1	1	2	3	4	3	2	2	1	1	1	1	2	2	2	2	2	3	2	1	2	2	2
20	2	3	3	3	3	2	3	3	3	4	3	3	3	4	3	3	3	4	4	3	4	6	6	5	3
21	6	5	5	5	5	5	5	6	7	6	6	5	5	4	3	3	3	3	5	7	7	5	5	5	5
22	4	4	3	3	4	3	4	5	8	8	7	4	4	3	3	3	5	6	6	6	5	4	5	4	5
23	4	4	4	5	4	5	5	8	6	18	8	4	3	2	2	1	1	1	1	1	1	1	1	1	4
24	1	1	1	1	1	2	2	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	2	1	2	2	2	2	2	2	2	1
26	2	2	2	3	2	3	3	3	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
27	3	2	2	3	3	3	3	3	3	3	2	2	2	3	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	4	4	3	3	4	5	5	6	5	3	2	2	2	2	2	2	2	2	3	3	3	4	4	4	***
MEAN	3	3	2	2	3	3	3	3	3	4	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

	STATION - PHARMACY AND 401 TORONTO								MONTH JUL 73																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	5	5	4	4	4	3	3	3	2	2	2	2	3	3	3	3	3
2	5	5	4	3	3	3	4	4	3	3	3	3	3	5	4	3	3	3	4	3	4	5	3	4	3
3	3	3	3	3	3	4	6	8	8	8	7	7	7	8	8	8	3	3	5	7	5	5	5	5	6
4	4	4	4	4	4	4	5	5	6	4	2	2	1	1	2	5	8	8	7	7	6	6	6	6	5
5	5	5	4	4	4	5	5	4	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5
6	4	5	4	4	4	4	5	5	5	6	5	5	5	7	6	5	5	6	5	6	6	8	7	8	5
7	8	8	8	7	5	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5
8	4	4	3	3	4	4	4	4	4	4	4	4	5	5	4	4	6	5	4	5	6	6	7	7	5
9	8	6	5	5	6	6	6	5	5	5	6	6	6	6	6	6	7	6	7	6	5	4	4	4	6
10	4	4	4	4	4	5	5	5	5	7	7	8	6	6	7	6	6	6	6	6	5	5	5	5	5
11	4	4	4	3	3	4	4	4	4	4	4	4	3	4	4	5	5	4	4	4	3	3	3	4	4
12	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	2	3	3	3	3
13	2	1	1	1	1	2	3	3	3	2	2	3	3	3	3	4	4	4	3	3	4	5	3	5	3
14	6	4	4	3	3	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	4
15	3	3	3	3	3	3	3	3	3	3	4	3	4	4	5	4	4	4	4	4	4	3	3	3	3
16	3	2	2	2	3	4	4	4	4	4	2	2	1	1	2	3	3	3	3	4	4	3	3	4	3
17	4	4	3	4	4	4	5	5	5	3	3	3	4	3	3	3	3	4	4	4	4	4	4	4	3
18	5	5	4	4	4	5	6	7	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5
19																									
20																									
21																									
22																									
23																									
24	2	2	3	3	3	4	4	3	2	1	1	1	1	2	3	3	1	2	2	3	3	2	4	4	3
25	5	3	2	2	2	4	4	4	4	2	2	2	2	2	2	3	3	3	3	2	2	3	3	4	3
26	4	3	3	3	3	3	4	4	5	5	5	5	5	5	5	3	3	3	3	3	2	2	2	2	3
27	2	2	3	3	2	3	4	3	3	3	3	1	2	2	2	3	3	4	3	3	3	3	2	2	3
28	3	3	2	2	2	2	2	2	2	2	2	5	5	3	3	2	2	4	3	4	4	3	4	3	3
29	3	3	2	1	1	1	1	1	1	2	2	3	4	3	4	4	4	2	2	3	4	4	3	3	3
30	3	2	2	2	1	2	3	3	6	6	4	3	3	1	3	2	2	2	2	2	2	2	1	3	3
31	1	2	3	2	2	2	3	3	4	3	4	4	3	4	4	4	6	6	3	4	3	3	5	4	3
MEAN	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO									NO 33002		MONTH AUG 73																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	4	2	3	3	3	4	4	3	2	1	1	1	1	3	1	1	1	2	3	3	3	4	4	4	3			
2	3	2	2	1	2	2	3	3	3	4	3	3	4	1	1	1	1	1	3	5	3	3	3	3	3			
3	3	2	1	1	2	2	2	2	2	2	2	2	4	5	5	4	4	4	4	4	4	4	3	3	3			
4	3	3	3	3	3	2	3	3	3	3	3	4	4	3	3	4	4	4	4	4	4	3	3	3	3			
5	3	2	2	2	2	2	2	2	3	3	3	4	2	2	1	1	1	1	2	2	2	3	3	4	2			
6	5	4	2	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	5	2			
7	4	4	3	3	3	3	4	6	6	5	5	3	2	2	2	2	3	3	4	4	4	3	4	4	4			
8	4	3	3	2	2	2	3	4	5	5	4	3	2	2	2	2	3	3	3	4	4	3	4	5	3			
9	5	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	4	4	4	5	5	3			
10	4	2	1	1	1	1	2	3	3	3	3	3	1	1	1	1	1	3	4	4	3	3	2	2	2			
11	2	2	3	2	2	1	1	1	2	1	1	1	1	1	0	1	0	1	1	1	3	3	4	4	2			
12	4	3	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
13	2	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	1	1	1	3	4	4	2	2	2			
14	2	2	1	1	1	1	2	2	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24																												
25																												
26																												
27																												
28																												
29	5	4	4	2	3	6	7	7	8	7	7	7	7	6	6	7	6	4	3	6	6	6	6	5	5			
30	4	4	5	4	2	2	5	6	7	7	6	4	4	5	6	6	8	9	9	8	8	6	5	6	6			
31	5	4	3	2	4	5	4	3	4	4	3	3	4	3	3	4	4	4	5	7	7	5	4	4	4			
MEAN	4	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3			

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	4	4	4	4	4	4	5	4	3	4	4	4	3	2	2	3	3	3	4	5	5	5	4
2	5	5	4	3	3	3	4	4	5	5	6	7	7	7	7	7	5	3	3	4	4	5	6	4	5
3	5	4	3	3	4	4	4	5	6	6	7	6	5	5	3	3	3	3	3	3	4	4	4	4	5
4																									
5																									
6	3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	4	4	4	4	4	4	4
7	4	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4
8	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4
9	4	4	4	4	3	3	3	4	4	4	5	5	5	5	6	6	6	6	5	5	5	4	4	4	5
10	3	3	3	3	3	3	4	5	5	5	5	5	5	5	4	5	6	6	7	8	5	4	3	3	5
11	3	3	4	5	6	8	9	10	9	8	7	7	7	7	7	7	7	7	7	7	8	7	6	7	7
12	6	5	5	5	5	6	7	7	7	6	6	7	7	7	7	7	7	7	7	7	8	7	6	7	7
13	2	2	2	2	1	1	2	5	5	6	6	6	2	2	0	0	1	2	2	3	4	3	3	2	5
14	2	3	3	3	3	3	2	5	4	4	3	4	6	3	1	1	1	4	4	7	7	6	5	4	4
15	3	2	2	2	1	1	2	3	3	3	3	3	3	3	1	2	2	3	3	3	4	3	2	3	2
16	3	2	1	1	1	0	0	0	1	1	2	5	3	3	3	3	3	3	3	3	4	3	3	3	2
17	3	3	3	3	3	3	3	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18																									
19	5	4	4	3	4	6	6	8	9	11	8	8	6	6	6	8	10	9	9	8	8	8	7	7	6
20	3	2	3	3	4	5	6	7	7	6	6	7	7	7	7	7	8	8	7	6	6	6	6	6	6
21	5	5	4	4	4	5	7	9	10	8	6	6	6	4	3	3	3	3	5	5	6	3	2	5	5
22	2	3	4	3	4	3	3	4	5	5	6	7	7	6	4	4	4	12	11	9	8	7	7	6	6
23	5	3	4	5	5	5	6	5	5	5	6	6	6	7	7	7	8	7	8	7	7	5	5	4	6
24	3	3	2	2	2	3	3	4	4	4	4	4	4	4	5	3	3	3	3	4	5	6	5	4	4
25	3	1	3	4	3	2	3	5	3	2	2	2	2	3	3	3	3	3	4	3	4	5	5	5	3
26	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	6	5	6	7	7	7	7	6	5
27	5	4	3	3	3	4	5	5	5	5	5	5	6	5	4	6	6	6	5	5	5	5	4	4	5
28	4	3	3	3	3	3	4	4	5	5	4	4	5	3	3	4	5	5	4	4	3	4	5	4	4
29	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	1	2	3	2	2	2	2	2
30	2	2	2	1	1	1	1	2	2	2	0	0	0	0	0	0	0	0	1	2	2	3	2	2	1
MEAN	4	3	3	3	3	3	4	5	5	5	5	5	5	4	4	4	5	5	5	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	2	2	2	2	2	1	1	1	2	1	1	1	2	2	2	2	3	3	2	2	2
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	3	4	4	4	4	4	4	2
3	4	4	4	4	4	4	4	5	6	5	4	6	5	6	6	8	8	7	7	7	7	6	6	5	6
4	5	5	5	5	5	5	5	6	8	11	9	4	5	5	5	5	6	5	4	4	3	4	4	4	5
5	6	6	3	2	3	3	4	4	4	4	4	5	5	5	3	3	3	3	3	3	3	3	3	2	4
6	2	2	2	2	2	3	3	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2	2	2	1	1	1	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	3	2	2	3	3	3	3	3	3	2
9	3	3	3	3	3	3	3	3	3	3	3	4	4	3	2	1	2	3	3	3	4	5	4	3	3
10	3	3	3	3	3	4	5	6	7	6	3	2	1	1	1	2	2	3	4	4	3	3	3	2	3
11	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	4	2	2	2	3	2
12	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	4	4	3	4	5	4	4	3
13	4	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2
15	2	1	1	1	1	2	2	2	2	2	2	2	4	3	4	4	4	4	3	3	3	3	4	3	3
16	3	3	3	2	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
17	2	2	2	2	2	3	3	4	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	2	3
18	3	3	2	3	2	1	3	4	4	4	4	4	4	4	3	4	4	4	4	4	3	3	3	2	3
19	2	2	2	2	3	3	4	4	4	4	4	4	2	3	3	3	3	3	3	3	3	2	1	2	3
20	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1
22	1	1	2	2	2	2	3	3	5	7	7	7	6	4	4	3	6	6	4	4	5	6	5	4	4
23	4	3	3	4	4	3	4	5	7	9	11	11	9	5	5	6	6	5	5	5	5	4	4	5	6
24	4	4	4	4	3	3	5	7	10	9	11	9	6	5	5	3	4	5	5	5	5	4	4	5	5
25	4	3	3	2	2	3	3	4	4	4	3	3	2	3	3	5	5	6	6	6	6	5	4	4	4
26	4	4	3	3	3	2	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	2	3
27	2	2	2	2	2	3	3	4	3	3	4	4	4	5	5	5	5	5	5	4	4	4	4	5	4
28	4	4	4	3	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	2	3
29	3	4	3	2	1	1	2	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	3
30																									
31	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1
MEAN	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1
2	1	1	1	1	1	1	1	1	2	2	2	3	2	3	3	3	3	2	2	2	2	2	2	2	2
3	2	2	2	2	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
4	2	3	3	2	2	2	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	2	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	2	1	1	2	2	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3
8	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2
9	3	2	2	2	2	2	3	3	3	3	3	3	3	3	6	4	4	4	4	4	4	4	4	4	3
10	3	3	3	3	3	3	3	4	4	4	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3
11	3	3	3	3	2	2	1	1	1	1	1	2	3	3	2	2	3	3	3	3	3	3	2	2	2
12	2	2	3	3	2	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	1	1	1	1	1	1	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	2	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16																									
17																									
18																									
19																									
20																									
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1
23	2	2	2	2	2	1	1	1	1	2	2	2	2	4	4	5	4	4	4	4	4	3	3	3	3
24	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	2	2	3	3	3	3	2	3	3	3
26	3	3	2	2	2	2	3	3	3	3	2	2	2	1	1	2	2	2	3	3	2	1	2	1	2
27	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4
28	4	3	2	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1
29	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2
30	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	3	3
2	3	3	3	2	2	2	2	2	1	1	0	0	0	1	1	1	2	2	2	2	2	3	3	3	2
3	2	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2	4	4	4	3	2	3	3	2	3
4	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	1	1	2
5	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2	2	2	2	1	1	1	1	2
6	1	0	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	2
7	2	2	1	1	1	2	4	4	5	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	3
8	4	4	3	2	2	2	3	3	3	3	3	3	3	3	3	3	2	3	2	2	1	1	2	2	3
9	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2
11	2	2	3	3	2	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
12	2	2	1	1	1	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
13	3	3	4	4	4	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
14	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
15	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
16	2	2	2	0	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	1	2
17	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	2
18	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	2
19	5	5	5	5	4	4	4	5	5	4	4	5	5	5	4	5	5	5	5	5	5	6	6	6	3
20	3	3	3	2	2	3	3	3	4	4	4	4	3	4	4	4	4	3	3	3	3	2	2	2	3
21	2	2	2	1	1	2	2	3	3	3	3	3	3	3	3	3	3	4	3	4	4	3	4	4	3
22	4	3	3	3	3	3	3	4	4	3	4	4	4	3	3	3	4	4	4	3	3	4	3	4	3
23	3	3	3	3	3	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3
24	4	4	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	4	4	4	4	3	3	3	4
25	3	3	3	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	2	2	2	2	2	3	3	3	3	3	4	4	4	5	6	6	5	3	3	2	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2	3	2	1
29	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	1	1	2
30	1	1	1	1	1	1	0	0	0	0	0	0	2	2	1	1	2	3	3	3	3	3	3	3	1
31	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	4	5	5	5	5	5	4	4	4	4
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	2	3	7
FEB	26	3	6	11
MAR	27	4	5	7
APR	26	4	5	9
MAY	31	3	4	8
JUN	29	3	5	18
JUL	27	4	6	8
AUG	18	3	6	9
SEP	29	4	7	12
OCT	31	3	6	11
NOV	25	2	3	6
DEC	31	3	4	6
YEAR	322	3	7	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	137	306	36	1	0	0	0	480
FEB	62	280	212	21	1	0	0	576
MAR	41	217	315	9	0	0	0	582
APR	23	185	295	13	0	0	0	516
MAY	82	385	252	5	0	0	0	724
JUN	143	340	171	8	0	1	0	663
JUL	27	269	278	32	0	0	0	606
AUG	77	187	113	24	0	0	0	401
SEP	34	210	307	79	4	0	0	634
OCT	114	381	198	17	4	0	0	714
NOV	107	383	40	0	0	0	0	530
DEC	110	466	126	0	0	0	0	702
YEAR	957	3609	2343	209	9	1	0	7128

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81	0	0.7	1.8	2.5	3.3	4.7	5.5	6.6	7.4	18	3.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17	4	3	3	3	3	3	3	5	5	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5
18	7	7	8	8	8	8	8	8	8	7	5	7	5	5	5	5	5	5	5	5	5	6	7	8	7
19	7	7	6	5	5	5	5	6	6	6	6	6	5	5	5	6	6	6	6	6	8	8	8	8	5
20	5	5	5	5	5	5	6	6	6	7	7	7	7	7	8	7	5	5	5	5	5	5	5	5	6
21	3	3	5	6	6	6	6	6	6	5	5	5	3	3	3	4	8	8	8	7	6	5	5	5	5
22	4	2	2	2	2	2	3	5	6	5	6	6	5	5	5	6	7	7	8	8	8	8	8	8	8
23	8	8	7	6	4	4	6	9	8	8	8	8	6	6	8	7	7	8	8	8	8	8	8	8	5
24	7	6	7	5	5	6	6	6	6	6	7	7	6	6	6	6	6	6	7	7	6	6	6	6	7
25	7	8	7	6	7	6	6	6	7	5	4	0	1	1	2	3	3	5	5	6	6	6	6	6	6
26	6	5	6	5	7	5	6	7	7	6	4	4	5	5	4	6	6	6	7	7	6	6	6	6	5
27	2	2	2	2	2	2	2	4	4	4	4	4	2	2	2	2	1	4	6	7	7	7	7	7	4
28	8	8	8	8	8	8	8	8	8	9	12	12	9	9	9	9	9	9	8	9	10	8	8	8	9
MEAN	6	5	6	5	5	5	5	6	6	6	6	0	5	5	5	6	6	6	7	7	7	6	6	6	6

PERCENTAGE OF DATA VALID - 42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	6	9	9	7	6	6	8	8	8	9	9	9	9	12	12	11	12	12	11	11	11	9
2	11	11	11	12	9	9	9	9	9	9	9	9	8	8	7	6	6	6	6	6	6	6	6	6	8
3	4	4	3	3	3	3	3	3	3	3	4	4	4	6	6	8	8	9	9	9	9	8	8	8	6
4	9	9	10	11	11	11	10	9	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
5	6	6	3	3	2	2	3	3	3	3	3	3	2	2	2	2	4	3	3	3	3	3	3	3	4
6	3	3	3	3	1	1	1	3	5	6	6	6	2	3	3	4	5	7	8	9	5	4	4	4	3
7	4	3	2	2	2	2	3	4	4	3	3	3	3	7	7	7	7	8	8	8	7	7	7	7	8
8	7	8	8	7	7	6	6	5	4	2	2	2	8	8	8	8	8	9	9	6	4	4	4	3	6
9	2	2	2	2	1	1	2	3	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	4
10																									
11	3	4	4	3	2	2	2	2	2	2	3	3	3	4	4	3	3	3	3	4	4	4	5	5	3
12	6	6	7	6	5	4	4	4	5	4	4	4	3	3	3	3	3	4	4	5	4	4	4	4	4
13	3	3	2	1	1	1	2	4	5	5	5	5	4	5	5	4	4	6	6	6	6	5	5	4	4
14	3	3	2	1	1	1	2	3	3	3	3	3	1	1	1	2	2	1	1	1	1	1	1	1	3
15	2	2	2	2	2	2	2	3	3	3	3	3	4	4	5	3	3	4	4	3	2	1	1	1	3
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
17																									
18																									
19																									
20																									
21	4	3	3	3	2	2	2	3	3	2	2	1	2	2	1	1	1	1	2	3	3	2	2	2	2
22	2	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	3	3	4	4	3	3	3	3	2
23	3	4	4	3	3	3	4	4	4	4	4	4	4	3	3	5	5	6	6	6	6	6	6	6	5
24	7	6	6	6	6	6	5	6	7	8	8	8	6	6	9	9	9	8	9	10	10	9	10	10	8
25	9	8	8	8	5	2	2	3	2	1	2	2	2	2	2	2	2	3	5	6	6	5	4	4	4
26	5	4	2	1	1	0	1	3	3	2	2	1	1	1	1	1	1	2	3	4	3	2	2	2	3
27	2	2	2	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
28	5	6	6	5	5	4	4	4	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3
29	7	6	5	4	3	3	4	4	4	5	5	5	6	4	3	3	4	5	5	5	5	5	5	5	4
30	4	4	2	2	2	2	3	5	5	5	5	5	4	4	4	4	4	5	5	5	4	4	4	4	4
31	5	5	5	4	2	1	1	2	3	3	3	3	3	4	5	5	7	3	3	3	3	1	1	2	3
MEAN	5	5	5	4	4	3	4	4	4	4	4	2	4	4	4	4	4	5	5	5	5	5	5	5	4

PERCENTAGE OF DATA VALID - 76

UNITS - PARTS PER HUNDREDMILLION

MONTH APR 73

PERCENTAGE OF DATA VALID - 65

UNITS - PARTS PER HUNDREDMILLION

MONTH MAY 73

PERCENTAGE OF DATA VALID - 50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	13	6	9	12
MAR	28	4	9	12
APR	25	4	9	28
MAY	18	5	8	12
YEAR	84	5	9	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - LAWRENCE KENNEDY SCARBOROUGH NO 33003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	4	31	145	104	1	0	0	285
MAR	56	197	212	92	15	0	0	572
APR	84	150	147	77	7	6	2	473
MAY	39	66	155	109	9	0	0	378
YEAR	183	444	659	382	32	6	2	1708

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
59	0	0.9	2.5	4.2	5.6	7.8	8.8	10.4	11.4	28	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	4	4	5	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4
5	4	4	3	2	2	2	2	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	0	0	2
6	0	0	0	1	1	1	2	3	3	3	3	3	2	2	2	4	3	4	5	5	5	4	3	3	3
7	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	2	2	3
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	4	3	2	2	2	2	2	3	3	3	3	3	5	5	6	5	6	6	6	6	6	5	5	5	4
11	5	4	4	5	4	4	4	3	3	3	3	3	4	5	5	4	4	4	5	5	5	4	4	4	4
12	4	5	5	4	4	4	3	3	4	4	4	4	2	2	2	2	2	2	1	1	1	2	2	1	3
13	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	2	2
14	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3
15	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	3	2	2	3	3	2	2	3	3	3
16	3	2	1	1	1	1	2	3	3	3	3	3	3	3	2	3	3	4	3	3	3	2	2	2	2
17	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	1	1	1	1	1	2
18	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1
19	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
20	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	3	3	3	3	3	2
21	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	4	3	3	3	3	3	3	3	4	4	4	4	2	2	2	2	3	4	5	5	4	4	4	4	3
24	4	4	4	4	4	4	4	4	6	6	6	6	5	9	9	8	7	7	8	9	9	8	7	7	6
25	7	7	7	7	7	7	6	5	5	5	5	5	4	4	6	6	6	6	7	8	10	11	10	11	7
26	11	11	8	4	4	4	3	4	7	9	9	9	3	3	3	3	3	3	3	3	3	3	3	3	5
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	7	6	6	5	5	5	5	6	6	6	6	6	5	2	1	1	5	6	6	6	6	6	6	6	5
31	5	5	5	4	3	2	2	2	2	3	3	3	4	4	5	4	5	6	6	7	6	5	5	5	4
MEAN	4	3	3	3	3	2	3	3	3	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID = 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	3	3	3	2	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3
2	4	4	4	4	4	4	4	4	4	5	6	6	6	5	4	4	4	4	5	5	5	5	4	5	4
3	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	9	8	8	8	5	5	5	4	6	6
4	5	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5																									
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	3	4	4	3	3	2	1	2	2	2	2	3	3	2	2	3	3	4	4	4	4	5	5	5	3
8	5	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	2
9	3	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2
10	2	1	2	2	2	3	3	4	3	3	3	3	3	3	3	3	4	4	3	4	3	2	2	2	3
11	2	1	1	1	1	1	2	2	3	2	2	2	2	2	2	1	1	2	2	2	2	3	4	4	2
12	4	3	4	3	3	3	3	4	4	4	4	4	1	1	1	2	2	2	2	2	3	4	5	5	3
13	4	4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	3	4	4	4	5	3
14	5	5	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	5	5	5	7	8	6	5
15	6	6	6	5	5	5	5	6	6	6	6	6	4	4	4	5	5	5	7	8	8	7	6	6	6
16	6	6	5	5	5	5	5	7	7	7	7	7	4	3	3	4	5	6	7	6	5	4	5	4	3
17	2	1	1	1	1	1	2	2	2	2	2	2	4	4	4	4	4	4	4	5	8	8	7	6	4
18	6	6	6	5	5	5	5	7	10	10	10	10	6	6	6	6	6	6	7	6	6	6	6	6	6
19	5	5	5	5	4	4	5	5	5	5	5	5	4	3	4	5	5	5	4	6	7	5	4	3	5
20	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
21																									
22																									
23																									
24																									
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	7	5	4	3	3	3	4	5	5	5	5	4	5	4	4	5	5	5	5	5	4	3	2	3	4
28	4	4	4	4	4	4	4	4	4	4	4	4	1	1	1	1	1	2	2	2	2	3	4	4	2
29	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	4	4	4	2
30	3	3	2	2	2	3	4	4	4	4	4	4	3	3	3	3	4	5	4	4	5	5	4	3	4
MEAN	4	4	4	3	3	3	3	4	4	3	3	3	3	2	2	3	3	4	4	4	4	4	5	4	4

PERCENTAGE OF DATA VALID = 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	3	3	4	4	4	4	5	5	6	6	6	7	7	7	7	6	5	4
2	2	2	2	2	2	2	3	5	6	6	6	5	5	4	5	6	6	5	6	5	5	4	3	5	4
3	5	5	3	2	2	2	3	4	4	4	4	3	3	2	2	2	2	4	4	4	4	4	4	4	3
4	4	3	2	2	2	3	3	4	4	4	4	2	2	3	2	2	3	3	2	1	1	1	1	1	2
5	2	1	1	1	1	1	2	3	3	3	3	1	1	1	1	1	1	0	1	1	1	2	3	4	2
6	4	5	5	5	4	3	2	1	2	2	2	1	1	2	2	2	2	1	3	3	3	4	3	3	3
7	4	4	4	3	3	5	7	6	6	6	4	4	4	4	5	5	5	5	6	5	4	4	5	5	5
8	5	5	5	8	4	5	6	6	6	6	6	6	6	6	2	2	2	3	3	7	8	7	8	8	5
9	5	6	7	6	5	5	6	6	7	6	6	6	4	4	3	3	4	5	4	3	6	6	6	5	5
10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
13	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
15	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	1	1	2	2	2	2	2	2	3	3	3	1	1	2	3	4	3	4	4	3	3	3	3	3	3
18	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
19	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
20	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
21	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
22	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
23	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
24	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
25	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
26	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
27	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
28	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
29	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
30	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
31	0	0	0	0	0	0	0	1	2	2	2	1	1	2	3	4	3	2	3	2	1	1	1	1	2
MEAN	4	4	3	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	3	4	4	2	2	2	2	2	2	2	2	2	3	4	3	4	4	4	4	4
2	4	4	4	3	3	3	4	4	2	2	2	2	2	2	2	2	2	3	4	3	4	4	4	4	4
3	4	4	4	3	3	3	4	4	2	2	2	2	2	2	2	2	2	3	4	3	4	4	4	4	4
4	4	4	4	3	3	3	4	4	2	2	2	2	2	2	2	2	2	3	4	3	4	4	4	4	4
5	4	4	4	4	4	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6	5	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	4	3	3	3	3	2	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
8	2	3	3	3	3	2	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	3	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
13	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
15	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
16	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
22	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
23	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
26	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
28	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
30	4	4	3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
MEAN	4	3	3	3	3	3	3	4	4	4	5	3	2	2	2	2	3	3	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	30	3	7	11
APR	25	4	6	10
MAY	23	4	5	8
JUN	11	3	4	6
YEAR	89	3	7	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	86	228	184	33	4	0	0	535
APR	71	161	222	28	0	0	0	482
MAY	42	146	169	20	0	0	0	377
JUN	20	95	66	0	0	0	0	181
YEAR	219	630	641	81	4	0	0	1575

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
53	0	0.7	1.8	2.8	3.8	5.4	6.1	7.3	8.0	11	3.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3
14	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	2	2	2
16	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	2	2	2
17	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
18	3	3	3	3	2	3	3	3	4	4	3	3	4	4	5	5	5	5	5	5	4	4	3	3	4
19	3	3	3	3	3	3																			
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	3	3	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21	2	3	4	4	4	4	5	5	4	4	4	4	4	4	5	5	5	5	4	4	4	2	2	2	4
22	1	1	1	0	0	1	1	2	3	2	2	1	1	1	1	1	2	3	4	4	3	3	3	2	2
23	4	3	4	4	3	4	4	4	4	4	4	2	2	2	2	2	2	3	4	4	4	3	4	3	2
24	3	2	2	2	2	3	2	2	2	2	2	1	1	1	0	0	0	3	3	4	4	2	2	2	2
25	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
26	1	1	1	1																					
27																									
28	6	5	5	5	5	4	4	4	4	5	6	6	6	5	6	4	5	4	5	5	4	4	3	3	5
MEAN	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 24

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN												UNITS - PARTS PER HUNDREDMILLION														
STATION - D.O.H. BATHURST & WILSON												NO 34007 MONTH MAR 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	3	3	3	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	
2	1	1	2	2	2	2	2	1	1	2	2	0.000	14	15	15	15	14	13	12	12	12	12	11	11	8	
3	11	11	10	10	10	10	10	10	10	11	11	11	11	12	12	13	13	13	13	13	13	13	14	14	12	
4	14	13	13	12	12	12	12	12	12	10	9	8	8	8	8	8	8	8	8	8	9	8	8	8	10	
5	7	7	7	6	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
6	8	7	7	6	6	6	7	7	8	8	8	8	8	8	9	9	9	9	9	8	7	7	7	7	8	
7	7	6	5	5	5	5	5	6	6	6	6	6	6	6	6	7	6	6	6	5	5	5	5	5	6	
8	4	5	5	4	5	4	4	4	4	4	4	3	2	2	2	2	2	3	3	3	3	3	3	3	3	
9	3	3	3	3	3	3	2	3	3	2	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
10													- DATA MISSING -													
11													- DATA MISSING -													
12													- DATA MISSING -													
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	4	4	4	4	4	4	3	3	3	0.000	
14	3	4	4	3	3	2	2	2	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2	3	
15	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	2	2	2	2	2	1	2	1	2	
16	2	1	1	1	1	1	2	3	3	3	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
17													- DATA MISSING -													
18													- DATA MISSING -													
19													- DATA MISSING -													
20													- DATA MISSING -													
21													- DATA MISSING -													
22													- DATA MISSING -													
23													- DATA MISSING -													
24													- DATA MISSING -													
25													- DATA MISSING -													
26													- DATA MISSING -													
27													- DATA MISSING -													
28													- DATA MISSING -													
29													- DATA MISSING -													
30													- DATA MISSING -													
31													- DATA MISSING -													
MEAN	5	5	5	5	5	5	5	5	5	5	5	5	7	7	6	7	6	6	6	6	6	6	6	6	6	
PERCENTAGE OF DATA VALID -		36																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN												UNITS - PARTS PER HUNDREDMILLION													
STATION - D.O.H. BATHURST & WILSON												NO 34007 MONTH APR 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	2	2	2	2	3	4	4	0.000
14	4	5	4	4	3	3	4	3	4	5	5	6	6	6	6	6	6	7	6	6	5	5	5	5	5
15	6	6	5	5	5	4	4	4	5	5	6	5	6	6	6	6	6	7	6	6	7	7	6	7	6
16	6	6	6	6	5	5	4	5	5	5	5	5	6	6	0.000	8	9	8	7	7	5	4	5	5	6
17	2	0	0	0	0	1	2	3	3	3	3	3	4	6	7	7	7	6	6	6	6	6	6	6	4
18	6	5	5	6	6	6	6	7	7	12	15	8	7	7	6	6	7	7	7	6	6	7	5	5	7
19	4	3	4	4	4	3	3	4	4	6	6	7	7	8	8	0.000	8	8	8	8	8	7	7	6	6
20	5	4	4	3	2	2	3	3	3	3	3	3	4	4	5	4	4	5	5	5	5	4	4	4	4
21	4	3	3	3	3	3	3	4	5	6	6	7	8	8	7	7	6	5	5	3	2	2	2	1	4
22	2	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	0.000	0.000	0.000	0.000	0.000	2
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	- DATA MISSING -												
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	2	2	2	2	2	0.000	
25	2	2	2	1	2	2	1	2	3	3	0.000	0.000	3	4	4	4	4	5	5	5	5	5	4	4	3
26	4	3	2	1	1	1	1	1	2	4	5	5	5	5	5	5	5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3	3	3	2	2	1	1	1	0.000	
28	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	3	1
30	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
MEAN	4	3	3	3	3	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
PERCENTAGE OF DATA VALID -												49													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	2	2	2	3	3	3	4	0.0.0.0	4	4	4	5	5	5	5	5	5	5	5	4	4	4
2	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	2	1	4
3	1	1	1	2	2	2	1	1	1	0	0	0	2	3	2	2	2	2	2	2	1	2	1	1	1
4	2	1	1	2	2	2	1	1	1	0.0.0.0	0.0.0.0	0.0.0.0	1	1	1	2	2	1	2	1	1	1	1	1	1
5	1	2	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	2	2	2	2	4	3	2
6	3	3	3	3	3	3	3	2	2	3	3	1	1	3	6	6	6	7	6	6	6	6	6	5	4
7	4	5	5	5	6	6	6	6	6	6	6	5	6	6	6	6	6	5	5	5	5	4	4	4	5
8	4	4	4	4	4	5	6	6	5	5	5	5	0.0.0.0	0.0.0.0	0.0.0.0	6	6	6	5	6	5	5	5	5	5
9	4	4	4	4	4	4	4	4	5	6	5	5	2	1	2	2	2	3	4	5	6	6	6	6	4
10	5	5	4	4	4	4	4	4	4	4	4	3	3	4	6	7	7	6	6	6	6	4	3	5	5
11	5	4	5	4	3	4	4	3	2	1	0.0.0.0	1	1	1	1	1	1	1	2	2	2	3	3	3	2
12	3	2	2	2	3	3	1	3	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
14	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3	3
15	3	3	3	2	1	1	1	2	4	1	1	1	3	5	5	5	5	4	3	4	3	3	3	3	3
16	3	2	2	2	2	3	3	4	4	3	3	3	4	4	4	4	3	3	2	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	3
17	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1	1	2	2	2	2	2	2	2	0.0.0.0
18	3	2	2	2	2	2	3	2	2	1	1	2	3	5	6	7	7	8	8	8	9	8	7	2	0.0.0.0
19	7	6	5	4	6	6	5	3	2	3	4	6	6	7	7	6	6	6	6	7	6	6	4	6	4
20	3	1	1	0	0	1	1	0	1	0	0	0	1	0	0	0	0	1	1	2	3	4	3	4	1
21	3	2	0	0	1	2	2	2	2	1	1	1	0	3	10	9	9	9	9	6	4	4	4	3	4
22	4	3	2	1	1	2	3	4	7	7	7	6	6	5	6	8	8	9	7	6	5	5	5	5	5
23	5	4	3	3	2	3	5	5	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4
24	5	4	3	2	3	3	4	4	4	4	4	5	5	5	0.0.0.0	8	8	7	7	7	6	5	4	4	5
25	4	4	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	3	3	3	3
26	4	3	3	2	2	2	2	2	2	3	3	4	5	4	4	5	4	4	4	4	4	3	3	2	3
27	2	1	1	1	2	2	2	3	3	3	3	4	5	5	5	6	5	6	4	3	4	4	4	4	4
28	4	3	3	3	3	3	3	3	2	1	0.0.0.0	0.0.0.0	1	1	1	1	1	1	1	1	2	1	2	1	2
29	1	1	0	0	0	1	1	2	3	4	3	3	3	4	5	4	4	4	4	3	3	3	3	3	3
30	3	3	3	3	3	3	2	2	2	1	1	1	2	1	2	3	3	2	5	8	7	6	4	1	3
MEAN	3	3	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	4	4	4	3	2	1	2	1	1	1	5	0.0.0.0	2	2	2	3	3	3	3	3	3	3
2	3	3	3	4	4	4	4	4	4	4	4	4	5	5	6	6	6	6	5	5	5	5	5	5	5
3	4	4	4	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5
4	5	4	4	4	4	4	4	5	5	5	5	5	1	1	3	6	8	6	5	2	2	3	3	3	4
5	4	3	3	3	3	3	4	4	4	4	4	4	5	6	6	5	6	6	6	7	7	5	5	5	5
6	4	3	3	3	3	3	4	4	4	4	4	4	5	5	6	6	5	6	5	5	5	5	4	3	4
7	1	1	2	2	1	2	3	4	4	5	6	6	7	7	5	8	7	6	6	6	4	1	1	4	4
8	3	3	3	2	3	3	4	5	6	5	7	7	0.0.0.0	0.0.0.0	1.0.0.0	9	9	9	9	10	11	10	9	8	7
9	7	5	3	2	1	3	4	4	1	1	1	1	1	1	0	0	0	0	1	1	1	2	3	2	2
10	2	2	1	1	1	2	2	2	3	4	3	6	6	6	7	7	7	11	8	8	8	8	8	9	5
11	7	2	1	1	5	6	6	6	4	7	7	8	5	4	4	3	1	1	2	5	5	7	7	5	5
12	4	1	0.0.0.0	2	1	1	2	3	2	1	2	2	4	1	1	1	1	1	1	1	2	2	2	3	2
13	1	1	0	1	0	0	1	2	1	1	1	1	0	0.0.0.0	1	2	2	1	1	1	1	2	2	1	1
14	1	1	0	0	0	0	1	2	1	1	1	1	0	0.0.0.0	1	2	2	2	3	3	5	4	4	4	2
15	4	3	3	2	2	4	5	7	6	5	5	5	4	3	3	4	3	3	3	5	3	3	3	3	4
16	3	3	3	2	2	1	1	2	3	3	3	4	2	3	3	1	1	1	1	1	2	2	2	2	2
17	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0
18	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0
19	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0
20	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0
21	1	1	2	2	1	3	3	3	3	3	3	3	4	4	4	5	7	7	5	2	3	3	3	3	3
22	3	3	3	2	3	3	5	5	6	7	8	7	9	9	8	7	3	1	2	3	4	4	4	4	5
23	3	3	3	3	3	3	2	3	3	2	2	4	9	9	9	8	7	7	6	3	3	3	3	3	4
24	4	4	4	3	4	3	2	4	4	5	4	2	1	1	1	1	1	1	1	2	2	3	3	3	3
25	3	3	3	3	3	3	3	4	6	10	9	9	9	10	9	10	9	9	9	9	9	9	8	7	7
26	6	6	5	4	5	5	5	6	7	8	9	9	11	11	12	11	12	13	12	10	9	3	7	8	
27	6	5	5	4	5	5	5	7	7	8	8	7	7	8	9	10	9	6	8	9	9	9	9	8	7
28	7	5	6	5	6	7	6	5	5	5	5	7	7	8	8	9	7	7	7	6	5	5	4	6	4
29	4	3	3	3	3	3	4	5	3	4	5	0.0.0.0	3	5	5	6	4	5	6	5	6	7	6	5	4
30	5	7	6	4	6	6	5	5	7	6	6	9	10	10	10	10	10	10	10	11	10	9	7	7	8
MEAN	4	3	3	3	3	3	3	4	4	4	4	4	5	5	5	6	5	5	5	5	5	5	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUL 73

[illegible]

PERCENTAGE OF DATA VALID = 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 73

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	3	1	2	3	4	4	3	4	3	3	2	2	2	2	2	1	0	0	0	0	0	3
2													DATA MISSING	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	7	6	4	1	0	1	1	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5													DATA MISSING	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-
6													DATA MISSING	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-
7	5	4	2	2	3	3	3	3	3	3	3	4	5	4	0	12	12	11	10	9	7	6	6	6	0
8																									
9													DATA MISSING	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-
10													DATA MISSING	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-
11													DATA MISSING	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-
12													DATA MISSING	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-
13	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	9	8	8	9	9	9	8	8	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	3	1	1	0	0	0	2	3	5	5	1	1	1	0	0	0	1	2	1	1	3	6	5	2	1
16	2	1	1	0	0	1	2	3	5	5	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	2	3	3	3	4	5	5	6	10	10	10	9	7	6	5	6	5	4
18	4	5	1	0	0	2	4	5	6	7	8	8	7	8	9	8	8	8	7	5	8	6	5	4	6
19	4	4	4	3	1	0	0	1	1	4	5	6	6	7	6	6	7	7	7	6	6	5	5	5	5
20	4	4	4	4	4	4	5	5	6	7	6	6	7	8	11	4	4	5	4	3	4	4	2	2	5
21	1	1	1	0	0	1	2	2	2	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1
22	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	4	5	5	4	2
23	1	1	1	1	1	0	0	1	1	2	3	5	4	1	0	2	3	3	4	4	5	5	5	4	6
24	3	1	1	1	2	2	3	4	5	6	6	8	7	8	9	9	9	8	7	9	7	8	6	7	7
25	6	4	4	3	2	2	3	4	5	6	6	8	7	8	10	11	11	10	9	9	9	8	6	7	7
26	6	6	6	5	4	5	6	7	8	9	8	7	8	9	8										
27	4	3																							
28																									
29																									
30																									
31																									
MEAN	3	3	2	2	1	2	2	3	3	4	4	5	5	5	5	5	6	6	5	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	3	3	2	2	2	2	2	3	4	6	8	7	8	8	8	10	9	5	2	3	2	1	1	1	4
16	1	1	1	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	2	2	2	3	3	3	1
17	3	2	2	1	1	2	3	4	5	4	4	4	4	4	5	5	5	5	5	4	4	4	4	3	4
18	3	0	0	3	3	3	3	2	2	1	1	1	1	1	2	8	7	2	3	4	3	4	3	3	2
19	3	3	3	3	1	4	5	6	6	7	7	7	6	6	8	8	7	7	6	5	5	5	5	5	5
20	4	4	3	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	4	3	3	3	8	7	6	6	6	5	5	5	5	5	5	4	4	4
22	4	4	3	3	3	3	3	4	4	4	4	4	5	5	5	4	3	1	3	4	4	3	1	2	3
23	3	3	3	3	3	3	3	3	3	3	4	4	3	3	2	1	2	2	3	3	3	3	3	3	3
24	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	3	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3

PERCENTAGE OF DATA VALID - 31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	4	5	5	4	4	4	4	4	4	4	5	6	6	9	9	9	7	6	5	5	5	5	5	4	5
4	3	2	1	1	1	3	4	5	6	7	8	9	8	9	10	10	10	9	8	8	7	7	7	7	6
5	6	4	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2
6	3	2	1	1	1	2	3	3	3	4	7	8	7	7	7	6	7	6	5	5	5	5	5	4	4
7	4	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4
8	3	3	3	2	2	2	3	3	3	3	3	4	5	5	6	6	7	7	6	6	6	6	6	5	4
9	5	4	3	2	3	3	3	4	5	6	6	7	7	8	8	9	10	10	9	9	8	8	8	7	6
10	6	5	5	5	5	6	7	8	9	11	16	13	11	10	10	10	10	9	9	8	8	7	6	5	8
11	4	3	3	3	3	3	3	3	3	4	4	5	8	8	8	8	8	8	8	7	7	7	7	6	5
12	6	6	5	5	5	6	6	6	6	7	7	8	10	10	11	12	11	11	10	10	10	9	9	8	8
13	8	8	7	6	5	5	5	5	5	6	7	7	7	7	8	8	8	6	5	5	4	4	4	1	6
14	1	2	3	1	2	2	2	3	1	1	1	1	1	1	1	1	1	2	4	5	5	4	3	2	2
15	1	1	2	2	2	3	3	4	5	6	1	2	1	1	1	1	2	2	3	4	4	4	4	3	3
16	1	2	1	0	0	1	2	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
17	1	1	1	1	1	2	3	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25	7	6	5	5	5	6	6	6	8	10	8	6	7	7	16	16	16	15	12	12	12	11	10	9	5
26	5	3	1	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
27	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	4	4	5	5	7	7	8	8	7	4
28	7	7	6	6	5	4	5	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	6
29	6	5	5	4	4	4	6	6	7	6	6	6	7	7	8	8	8	8	8	8	8	8	8	7	7
30	7	6	5	4	3	3	5	6	7	7	6	6	7	6	6	6	4	3	3	3	3	3	3	3	5
31	3	3	3	2	3	3	3	3	3	3	3	3	4	5	5	5	5	5	5	5	5	4	4	4	4
MEAN	4	4	3	3	3	3	4	4	4	5	5	5	5	6	6	7	7	6	6	6	6	6	5	5	5

PERCENTAGE OF DATA VALID - 71

UNITS - PARTS PER HUNDREDMILLION

NO 34007

MONTH NOV 19

[illegible]

PERCENTAGE OF DATA VALID - 44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION

NO 34007

MONTH DEC 73

[illegible]

PERCENTAGE OF DATA VALID - 48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - D O H. BATHURST & WILSON

NO 34007

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	8	3	4	5
FEB	9	3	5	6
MAR	13	6	12	15
APR	17	4	7	15
MAY	30	3	5	10
JUN	30	4	8	13
JUL	23	5	8	16
AUG	20	4	7	12
SEP	11	3	5	10
OCT	24	5	8	16
NOV	15	3	4	5
DEC	18	3	5	7
YEAR	218	4	12	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - D O H BATHURST & WILSON

NO 34007

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	15	114	27	0	0	0	0	156
FEB	41	60	66	0	0	0	0	167
MAR	17	101	48	68	30	8	0	272
APR	74	106	134	38	1	1	0	354
MAY	162	234	256	34	0	0	0	686
JUN	98	235	249	117	10	0	0	709
JUL	81	106	133	97	18	2	0	437
AUG	108	74	102	71	6	0	0	361
SEP	45	95	70	18	0	0	0	228
OCT	58	143	178	134	11	6	0	530
NOV	12	192	113	0	0	0	0	317
DEC	126	119	112	1	0	0	0	358
YEAR	837	1579	1488	578	76	17	0	4575

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
52	0	0.5	1.8	2.9	4.3	6.9	8.3	10.1	11.7	16	3.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
2	3	3	2	2	2	2	2	2	1	1	2	2	2	2	2	3	3	4	6	5	4	3	5	5	***
3	2	2	2	2	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	1	0	0	2	1	1	1	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	2	2	2	2	2	2	2	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	3	3	3	3	3	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	0	0	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	4	3	2	3	3	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9	2	2	2	3	2	2	1	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	2	2	2	3	2	2	1	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11	2	3	3	3	3	2	1	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	4	3	3	3	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	3	3	3	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	5	3	4	4	4	5	4	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	4	3	4	4	1	0	0	2	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	1	0	0	0	0	0	0	0	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	3	3	3	3	3	3	4	3	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	1	1	1	1	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	1	2	2	2	2	2	2	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	2	3	3	4	3	3	3	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	2	2	2	2	2	2	3	5	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	2	2	2	2	2	3	2	0	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	1	1	1	***	***	***	***	0	***	***	***	1	3	4	5	2	2	1	1	1	1	3	2	2	2
11	1	1	1	1	1	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	2	2	4	4	4	2	2	2	1	1	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2
15	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
16	2	2	2	2	2	2	3	5	3	***	***	2	2	1	1	2	4	5	5	4	4	4	3	3	3
17	2	1	1	1	1	1	1	1	2	***	***	2	2	2	1	1	1	0	0	0	1	0	0	1	1
18	0	0	1	1	1	1	0	0	0	0	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	0	1	1	***	***	1	1	1	1	2	2	2	2	3	3	4	5	1	1
20	3	0	1	1	1	1	2	2	1	***	***	1	***	2	2	2	3	3	3	4	4	4	5	5	2
21	6	6	6	6	6	6	6	6	***	***	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5
22	4	4	3	3	3	3	4	6	3	***	***	4	***	1	2	2	2	3	3	4	5	5	5	4	4
23	4	3	3	3	3	3	5	5	***	***	3	2	2	2	2	2	3	6	8	8	8	8	7	6	6
24	5	5	5	4	4	4	4	5	***	***	4	3	2	3	6	6	6	8	10	10	10	9	9	9	9
25	9	8	7	7	6	5	5	6	***	***	4	4	4	4	4	4	4	5	6	7	8	8	7	6	6
26	6	4	2	2	2	2	4	5	***	***	2	2	2	1	1	***	2	4	4	4	5	5	6	7	7
27	4	2	3	3	3	3	4	5	***	***	4	4	4	3	4	4	5	6	7	7	7	6	6	6	6
28	7	7	6	6	6	6	6	6	***	***	6	6	6	6	7	8	8	8	8	8	7	7	7	7	7
29	6	6	4	5	5	6	6	6	***	***	6	5	5	7	8	9	8	8	8	7	7	6	5	5	6
30	6	6	6	6	6	6	6	6	***	***	6	6	6	6	6	6	6	6	6	7	7	6	5	5	6
31	6	6	5	2	2	2	2	3	***	***	5	5	7	7	7	8	8	9	8	5	5	4	4	5	5
MEAN	4	3	3	3	3	3	3	3	1	1	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	5	5	4	4	3	2	2	0.000	0.000	3	3	2	3	3	3	2	3	4	4	3	3	3	3	3	
2	3	3	2	3	3	3	4	5	0.000	0.000	5	4	4	4	5	5	5	5	6	6	6	5	5	4	4	
3	5	5	5	4	4	4	4	5	0.000	0.000	0.000	0.000	6	9	10	10	10	10	9	9	9	9	9	8	7	
4	8	8	7	6	6	7	7	7	0.000	0.000	6	5	4	6	4	4	5	5	3	3	2	3	2	1	5	
5	1	1	1	1	1	1	2	2	0.000	0.000	1	1	1	1	1	1	2	2	4	5	6	6	5	3	2	
6	3	2	2	2	2	3	3	4	0.000	0.000	2	2	1	1	0.000	0.000	2	3	5	7	7	7	7	6	4	
7	6	6	3	2	2	2	3	5	0.000	0.000	5	4	4	4	5	6	7	7	8	6	6	5	5	5	5	
8	6	3	2	1	1	1	1	1	0.000	0.000	1	1	1	1	1	1	2	2	3	3	3	5	6	5	2	
9	4	3	4	2	3	3	4	5	0.000	0.000	2	3	2	2	2	3	5	4	4	3	2	2	2	2	3	
10	2	3	3	3	2	3	5	4	0.000	0.000	2	3	2	2	3	2	3	5	2	1	1	1	1	1	2	
11	1	3	2	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
13	2	3	2	1	2	3	3	1	0.000	0.000	1	1	1	0.000	0.000	1	1	1	2	4	5	5	5	5	4	3
14	5	5	5	4	4	4	4	5	0.000	0.000	5	4	4	5	5	6	7	9	11	11	12	12	11	10	7	
15	7	5	5	5	5	5	5	6	0.000	0.000	5	4	5	5	5	6	7	9	11	11	12	12	11	10	7	
16	9	7	7	7	9	8	10	11	0.000	0.000	12	10	2	2	2	2	2	2	3	1	1	1	1	1	5	
17	2	2	1	1	2	2	2	2	0.000	0.000	1	1	1	1	2	1	2	2	4	3	6	8	8	7	3	
18	6	6	5	5	5	5	5	7	0.000	0.000	8	5	7	8	0.000	6	8	9	10	10	9	9	9	9	7	
19	9	8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20	4	3	2	2	2	2	2	2	0.000	0.000	3	3	3	3	3	3	3	3	5	5	6	9	8	8	4	
21	10	9	6	5	5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22																										
23																										
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
25	4	4	4	3	3	3	4	6	6	2	2	3	6	0.000	0.000	0.000	0.000	0	2	4	5	5	4	4	4	
26	8	5	4	2	2	2	3	6	7	0.000	2	2	2	4	4	5	5	5	8	9	11	12	10	6	5	
27	6	5	3	2	2	2	2	3	3	0.000	3	0.000	4	5	6	6	6	6	6	6	4	2	1	1	4	
28	1	0	0	0	0	0	1	1	0.000	0	1	1	1	1	1	1	1	2	2	2	3	2	2	1	1	
29	1	2	4	2	2	2	2	1	0.000	1	1	1	1	1	2	2	2	2	3	4	5	5	4	4	2	
30	3	3	4	2	2	2	5	5	0.000	0.000	5	5	5	0.000	6	6	6	7	7	7	6	7	5	7	5	
MEAN	5	4	3	3	3	3	4	4	5	1	3	3	3	3	3	3	4	4	5	6	6	6	6	5	4	

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	2	2	3	4	6	6	7	0.000	0.000	0.000	7	8	8	9	10	11	10	11	10	10	9	9	7
2	8	8	8	8	4	6	6	6	7	0.000	0.000	4	5	3	4	4	8	7	7	10	9	6	6	7	6
3	4	3	3	4	4	4	4	3	1	0	2	2	2	2	2	2	2	2	2	2	0	0	0	0	2
4	1	1	1	1	1	2	3	3	0.000	0.000	2	3	3	1	1	2	2	2	2	2	2	3	3	1	2
5	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	2	4	5	5	5	5	2
6	4	4	3	3	3	3	3	3	3	0	1	1	1	3	2	2	2	2	6	6	8	9	8	7	4
7	7	7	7	8	8	7	7	10	9	0.000	4	4	1	1	3	6	5	6	5	5	4	4	5	7	6
8	5	7	8	8	9	12	12	10	10	0.000	8	9	0.000	0.000	8	8	8	7	7	10	8	5	5	6	8
9	6	6	6	6	6	5	5	5	0.000	0.000	3	3	3	2	3	3	3	3	3	10	13	10	9	8	6
10	8	8	4	3	3	3	4	4	0.000	0.000	2	1	2	2	3	3	5	5	4	5	8	9	5	6	5
11	6	7	8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	2	1	1	1	1	1	1	2	3	3	3	4	3
12	1	0	0	2	3	3	3	3	2	0.000	2	2	2	1	1	1	2	2	2	3	3	3	3	2	2
13	2	3	2	2	2	2	2	3	2	0.000	2	2	2	1	2	1	2	2	3	3	3	3	3	4	3
14	4	3	2	2	2	2	5	6	0.000	0.000	2	2	2	4	5	4	4	5	5	5	5	4	4	4	3
15	4	3	2	1	2	2	3	6	4	2	0.000	5	5	7	6	5	4	5	4	5	6	3	2	4	4
16	2	1	1	1	1	2	2	3	3	0.000	5	5	5	2	2	2	2	3	4	3	3	2	1	2	2
17	2	3	3	2	2	3	3	3	0.000	0.000	1	2	2	5	5	5	5	4	4	4	5	4	3	1	3
18	2	0	0	0	1	3	3	3	0.000	0.000	2	2	2	5	5	6	5	5	5	5	5	5	4	4	3
19	3	0	0	2	2	3	3	3	0.000	0.000	1	3	4	3	5	5	5	5	10	14	14	11	9	5	5
20	8	8	7	6	6	5	5	5	5	0.000	5	4	5	6	5	4	5	5	6	7	6	5	5	5	6
21	4	2	2	2	1	2	2	2	2	0.000	2	1	3	3	3	2	3	3	4	4	5	5	10	7	3
22	3	2	2	1	2	3	5	4	4	0.000	2	2	2	0.000	0.000	0.000	4	6	11	6	8	5	4	3	4
23	3	3	3	3	3	3	6	9	7	0.000	4	4	2	6	10	11	7	7	8	9	9	9	9	9	6
24	7	7	6	3	4	5	6	9	0.000	0.000	7	5	5	5	0.000	0.000	6	6	5	4	6	6	6	4	6
25	4	3	3	3	4	6	7	7	7	0.000	6	6	0.000	0.000	10	11	11	9	7	9	5	4	4	5	6
26	5	2	1	1	1	3	5	6	0.000	0.000	5	5	5	4	5	6	6	6	6	5	4	3	4	5	4
27	5	5	5	5	4	4	5	4	0.000	0.000	3	3	2	1	2	3	5	5	5	5	5	5	4	3	4
28	3	3	3	3	3	5	6	7	0.000	0.000	9	7	6	0.000	8	7	3	9	3	5	6	7	4	3	5
29	4	4	3	2	1	2	2	3	0.000	0.000	3	2	2	2	2	2	2	2	2	2	3	3	4	3	3
30	2	2	1	1	2	3	4	5	0.000	0.000	0.000	5	6	7	4	5	5	5	6	6	4	5	5	5	4
31	5	5	5	4	4	4	4	4	0.000	0.000	2	2	2	2	2	2	3	3	3	3	2	2	4	2	3
MEAN	4	4	3	3	3	4	4	5	4	1	3	3	3	3	4	4	4	5	5	6	6	5	5	5	4

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	4	4	3	0.000	0.000	3	3	3	3	3	5	5	5	6	7	9	6	6	7	4
2	6	6	4	3	4	5	4	3	0.000	0.000	3	4	4	5	4	5	6	6	6	7	8	8	6	8	5
3	8	7	6	6	6	5	6	9	5	0.000	3	2	4	2	4	5	6	7	9	9	8	7	7	6	6
4	6	6	3	1	3	3	4	3	0.000	0.000	1	2	2	1	1	1	1	1	2	4	7	6	5	6	3
5	8	7	5	2	1	3	5	5	0.000	0.000	6	5	5	1	0.000	1	1	1	2	1	2	3	2	2	3
6	2	2	1	0	0	4	5	2	2	0.000	0.000	4	5	4	2	2	2	2	2	3	6	4	4	3	3
7	3	3	2	2	3	3	3	3	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	2	2	2	4	2
8	1	2	2	2	3	4	9	4	0.000	0.000	2	2	1	0.000	1	1	1	1	1	2	2	2	2	1	2
9	1	1	1	1	1	1	2	2	0.000	0.000	1	1	1	1	1	1	1	1	2	3	4	4	4	4	2
10	3	3	3	3	3	2	2	1	0.000	0.000	3	3	3	3	2	3	3	2	2	2	3	3	3	2	3
11	1	3	4	3	2	4	4	6	0.000	0.000	2	1	2	2	1	2	3	3	2	1	1	1	1	1	2
12	2	2	1	2	3	4	5	4	0.000	0.000	4	3	2	2	1	1	2	2	3	4	4	4	4	4	3
13	3	4	3	3	4	4	5	4	0.000	0.000	1	1	1	1	1	1	2	2	2	4	6	5	5	5	5
14	5	3	3	4	4	4	4	3	0.000	0.000	1	1	1	1	1	1	1	2	2	3	4	5	5	5	5
15	4	4	4	4	4	5	6	9	0.000	0.000	5	5	4	6	4	0.000	0.000	6	6	6	6	6	6	5	5
16	5	4	4	4	3	3	4	6	6	0.000	0.000	4	3	1	1	2	3	3	2	2	2	2	3	3	3
17	3	3	2	2	4	3	2	1	1	0.000	0.000	1	1	1	2	3	3	2	2	3	3	3	4	4	4
18	1	1	1	1	1	1	4	4	0.000	0.000	7	6	7	9	7	7	7	7	5	5	6	6	6	10	6
19	9	7	6	4	5	6	6	7	7	0.000	0.000	6	6	5	8	6	6	5	5	6	6	6	6	6	6
20	6	9	9	5	5	6	6	7	7	0.000	0.000	6	7	8	7	6	6	5	11	14	16	15	12	8	8
21	6	7	8	8	8	7	7	8	8	0.000	0.000	4	0.000	3	2	2	2	1	2	3	4	6	7	7	5
22	6	5	4	3	3	3	4	8	6	0.000	0.000	0.000	0.000	3	4	3	3	5	8	8	8	7	7	6	5
23	6	6	6	6	6	6	6	6	0.000	0.000	2	3	4	3	3	3	5	3	4	6	4	5	8	5	5
24	8	9	6	5	5	4	3	5	0.000	0.000	1	1	2	1	1	1	1	2	3	4	4	4	5	5	4
25	4	4	3	3	3	3	5	6	0.000	0.000	7	4	0.000	0.000	2	3	6	8	10	7	5	7	9	7	5
26	6	7	5	4	3	3	6	7	8	0.000	0.000	7	6	7	7	5	6	6	4	2	7	9	8	8	6
27	4	2	2	3	3	4	5	5	6	0.000	0.000	4	5	3	2	4	2	1	2	5	6	4	5	6	4
28	3	2	5	2	3	4	5	5	3	0.000	0.000	0.000	5	6	8	5	5	7	8	7	5	7	7	8	5
29	7	6	3	2	1	3	6	7	0.000	0.000	4	4	4	3	2	1	1	1	2	5	7	9	8	7	4
30	7	7	7	6	6	5	7	8	3	0.000	0.000	1	1	3	3	2	3	7	6	4	5	4	5	4	5
MEAN	4	4	4	3	3	4	5	5	5	4	3	3	3	3	3	3	3	3	4	5	5	5	5	5	4

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	6	5	5	3	2	1	0.000	0.000	1	2	3	3	3	3	3	4	5	7	10	8	4	5
2	5	4	4	4	3	3	6	9	5	0.000	0.000	3	1	1	2	3	4	4	7	9	10	12	10	5	5
3	3	2	2	3	2	2	7	8	3	0.000	0.000	1	1	1	1	5	4	4	4	3	5	7	6	5	4
4	5	5	4	3	3	2	3	6	9	0.000	0.000	2	2	1	2	0.000	4	2	1	2	6	7	6	7	4
5	6	4	3	3	6	7	5	2	2	0.000	0.000	1	1	1	1	1	1	1	1	2	4	4	5	4	3
6	4	3	3	3	3	2	4	4	3	0.000	0.000	1	2	1	1	1	1	1	1	1	3	3	3	2	3
7	3	3	6	3	3	3	2	3	2	0.000	0.000	1	1	1	1	1	1	2	2	3	3	3	3	2	2
8	2	2	2	2	3	3	3	4	3	3	0.000	1	1	1	0	1	1	2	3	5	3	3	3	3	2
9	5	4	4	4	5	5	5	3	2	0.000	0.000	2	2	2	3	4	5	6	5	6	6	9	10	5	5
10	9	8	4	1	2	2	3	4	3	0.000	0.000	1	1	1	2	2	2	2	2	2	2	2	3	3	3
11	1	1	1	1	1	2	2	1	0.000	0.000	1	1	1	1	1	1	1	1	1	2	3	3	3	2	1
12	2	2	2	2	2	2	2	2	0.000	0.000	0.000	0.000	1	1	1	1	1	1	2	3	3	3	3	2	2
13	5	5	5	5	5	5	5	5	2	0.000	0.000	1	2	2	2	2	2	2	2	3	4	4	4	2	3
14	4	4	4	4	4	4	4	4	2	0.000	0.000	1	1	1	1	1	1	1	1	2	3	3	3	3	3
15	3	3	3	3	3	3	3	3	1	0.000	0.000	2	2	2	2	3	3	3	3	4	5	5	4	4	4
16	0	0	0	0	0	0	0	0	6	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
17	1	1	1	1	1	0	0	0	14	0.000	0.000	2	1	1	1	2	3	3	5	7	7	6	6	4	3
18	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21	4	3	2	2	2	3	5	3	2	0.000	0.000	2	2	2	2	2	3	5	5	5	5	4	2	2	3
22	2	2	2	2	1	2	2	3	3	0.000	0.000	2	1	1	1	1	1	2	3	4	4	5	4	4	2
23	3	4	3	2	2	3	5	6	5	0.000	0.000	3	3	2	4	4	4	3	5	7	6	6	5	4	2
24	3	3	3	3	3	2	4	6	2	0.000	0.000	6	4	1	2	4	4	4	5	6	6	6	4	4	4
25	4	4	3	3	4	6	6	7	0.000	0.000	0.000	4	6	5	4	7	5	7	7	8	7	6	5	5	5
26	4	4	3	3	2	3	3	3	2	0.000	0.000	3	0.000	2	2	2	2	1	1	1	0	0	0	0	2
27	0	0	0	0	0	0	0	1	0	0	0	1	0	0.000	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	0	0	0	0	0	0	1	2	1	2	2	0	1	2	2	3	1	1	1	1	1
29	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	2	2	2	4	3	3	2	1	1
30	2	2	2	2	2	2	2	4	5	0.000	0.000	3	2	2	4	4	4	4	5	5	5	5	5	3	3
31	4	3	2	3	2	3	4	0.000	0.000	0.000	0.000	2	2	0.000	3	6	9	7	7	7	8	9	8	7	5
MEAN	3	3	3	2	2	3	3	4	3	1	1	2	2	2	2	2	3	3	3	4	4	5	4	4	4

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	1	1	1	5	6	6	6	0.000	0.000	3	2	0.000	3	5	4	4	6	6	5	6	6	5	4
2	4	4	2	1	2	3	4	5	4	0.000	0.000	3	2	2	2	1	0	1	2	3	3	3	3	2	3
3	2	2	2	2	2	2	3	2	1	0.000	1	1	1	1	1	1	2	4	3	3	2	2	3	2	2
4	2	1	1	1	1	1	2	1	1	0.000	0.000	1	1	1	1	1	2	3	3	3	3	3	3	1	2
5	1	2	1	1	1	1	1	2	2	0.000	0.000	0	0	0	0	1	1	1	1	2	2	2	2	2	1
6	1	1	1	1	2	1	2	2	1	0.000	1	1	0	1	1	1	1	2	2	2	2	3	3	2	1
7	2	1	1	1	1	2	4	3	3	0.000	0.000	1	0	0	1	2	0.000	1	2	2	2	3	2	1	2
8	1	1	1	2	1	2	5	4	0.000	0.000	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
9	0	0	0	0	0	1	1	1	1	0.000	0	1	1	1	1	1	2	5	1	2	2	4	2	1	1
10	0	0	1	1	1	2	3	5	3	0.000	0.000	3	3	2	2	2	2	2	3	4	4	5	5	4	3
11	2	3	2	1	2	2	2	2	1	0.000	0	1	1	1	1	1	1	1	1	2	3	3	3	3	2
12	2	1	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	3	4	3	3	1
13	2	2	2	2	2	2	3	3	2	0.000	0.000	2	2	2	2	2	3	3	4	4	5	3	3	4	3
14	3	3	2	2	1	1	1	1	6	0.000	0.000	2	0.000	0.000	1	2	3	3	5	7	5	2	1	0	3
15	1	1	1	0	1	2	2	2	1	0.000	1	1	2	1	1	2	3	4	5	5	5	3	3	2	2
16	1	2	2	2	1	1	3	4	7	0.000	0.000	3	2	3	2	4	4	4	6	6	6	5	4	4	4
17	3	2	2	2	3	3	3	5	7	0.000	0.000	3	3	3	3	4	7	7	6	6	7	6	5	4	4
18	5	3	1	2	2	3	5	5	3	0.000	0.000	3	3	2	3	5	2	2	5	5	7	6	6	5	5
19	4	4	4	3	2	1	3	2	2	0.000	0.000	2	3	4	3	3	3	3	3	4	6	6	5	4	3
20	4	4	4	3	2	1	3	5	6	0.000	0.000	8	3	2	3	3	3	3	4	6	5	2	1	1	3
21	0	0	1	1	1	1	2	1	1	0.000	0.000	0	0	3	2	2	2	2	1	2	2	2	2	2	2
22	1	1	1	1	1	1	2	2	0.000	0.000	1	0	0	0	0	0	1	3	3	3	3	3	3	2	1
23	3	2	1	1	1	2	2	3	0.000	0.000	2	2	1	1	1	2	2	2	3	4	4	4	3	3	2
24	2	2	2	2	2	3	4	5	0.000	0.000	3	2	0.000	1	5	5	3	4	3	5	7	6	6	5	4
25	5	3	2	3	3	3	4	6	0.000	0.000	2	2	1	2	2	2	2	3	4	4	6	8	6	7	4
26	6	3	2	1	1	1	1	1	0.000	0.000	1	1	1	1	1	1	1	3	2	3	5	6	6	6	2
27	5	4	1	1	1	1	3	3	0.000	0.000	2	1	0	0	1	1	1	1	2	5	4	5	4	4	2
28	1	1	1	1	1	2	2	1	2	0.000	1	1	1	1	1	1	1	2	4	5	5	5	5	4	2
29	1	2	1	1	2	4	6	4	2	0.000	1	1	1	0	0	0	2	4	7	8	7	6	6	7	3
30	2	1	1	3	3	5	6	4	2	0.000	0	1	1	1	1	1	1	1	1	4	3	3	5	5	2
31	6	4	3	3	4	3	4	3	4	0.000	0.000	4	6	4	2	5	5	7	8	8	7	6	6	5	5
MEAN	2	2	2	1	2	2	3	3	3	1	1	2	2	1	2	2	2	3	3	4	4	4	4	3	3

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	3	3	3	2	1	1	2	2	2	3	3	2	2	1	2	4	5	5	4	2	3
2	2	1	1	1	1	2	3	3	3	0.000	1	4	2	2	3	3	3	5	8	9	8	7	6	2	4
3	2	2	1	2	1	2	5	7	5	0.000	4	2	2	2	2	2	2	2	1	2	3	2	3	4	3
4	4	4	4	2	1	2	6	5	5	0.000	3	2	2	2	1	1	2	2	2	2	1	0.000	0.000	0.000	3
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	1	1	2	3	2	2	2	0.000	0.000
6	2	1	2	2	2	2	2	1	0.000	1	0	0	0	1	1	1	1	2	4	4	4	4	3	3	2
7	2	2	2	2	2	2	2	2	2	0.000	0	0	0	0	0	0	2	2	2	3	3	3	3	3	2
8	3	3	2	2	2	2	2	2	1	0.000	0	0	0	0	0	1	1	1	2	2	2	2	2	2	1
9	2	2	2	2	2	2	3	4	0.000	0.000	3	4	3	1	0	0	0	0	0	0	0.000	0.000	0	0	2
10	0	0	0	0	1	2	2	0	0	0	0.000	0	2	1	1	1	1	1	2	3	2	1	1	1	1
11	1	1	2	2	2	3	2	1	1	0	1	1	1	1	1	1	1	3	5	4	3	3	2	2	2
12	1	1	1	1	1	1	2	3	3	1	2	2	2	3	4	5	5	5	5	5	4	4	4	2	3
13	4	4	4	4	4	4	4	4	4	2	1	2	2	0.000	2	4	3	4	5	5	4	3	2	2	3
14	1	1	1	1	1	1	1	1	1	0.000	3	3	2	2	2	1	0	0	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	3	5	5	1	0.000	0	0	1	1	1	1	1	1	3	3	3	3	2	2	1
17	4	4	4	4	4	5	5	5	3	2	4	5	5	5	5	5	5	6	5	4	3	3	4	5	3
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	1	0	0	0	0	1	1	4	3	0.000	4	3	4	2	2	2	2	4	4	4	3	1	1	1	2
22	1	2	1	0	0	2	2	3	2	0.000	0.000	3	0	0	0	0	0	2	2	4	4	0	1	1	1
23	1	1	1	1	0	0	1	1	1	0.000	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1
24	1	0	0	0	0	0	0	0	1	0.000	0	0	2	2	2	3	2	2	3	3	3	3	1	0	1
25	0	0	0	0	0	2	2	2	2	1	0	3	3	3	3	3	4	5	6	6	6	6	5	5	3
26	4	3	4	2	3	3	3	4	0.000	2	0.000	1	3	3	3	3	3	3	3	3	3	2	2	2	3
27	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	0.000	2	2	0	0	0	0	0	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE																									NO 35003																									MONTH OCT 73																								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																																																	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0																																																	
2	0	0	0	0	0	0	1	0	0	0	1	1	1	1	2	2	2	3	3	3	3	3	3	2	2																																																	
3	2	2	1	1	1	2	2	1	2	2	2	1	1	2	1	1	2	3	4	4	3	3	2	2	2																																																	
4	2	2	2	2	2	2	2	2	2	2	5	7	7	6	5	8	8	8	7	8	8	7	6	5	5																																																	
5	3	1	1	1	1	2	2	2	1	2	0	0	0	0	0	0	1	3	5	4	4	5	5	4	4																																																	
6	3	3	3	3	4	3	3	3	2	2	7	4	3	3	2	4	5	5	5	5	5	5	5	5	4																																																	
7	3	3	3	3	3	3	3	3	2	2	3	3	2	2	4	4	4	4	5	5	5	5	4	4	3																																																	
8	3	3	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																																																	
9	3	3	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																																																	
10	1	0	1	1	1	1	0	3	4	7	10	4	2	2	1	3	6	7	6	5	5	4	4	1	3																																																	
11	1	0	0	1	2	2	2	2	2	2	2	3	4	5	6	6	6	5	3	3	2	2	2	2	3																																																	
12	2	2	1	1	1	1	1	2	3	1	2	3	4	5	5	7	7	7	6	6	6	6	5	5	1																																																	
13	3	1	1	2	2	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1																																																	
14	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																																	
15	3	4	4	1	2	2	3	3	2	1	1	1	0	0	1	1	1	2	3	3	3	2	3	3	2																																																	
16	1	1	1	1	1	2	2	3	3	3	3	1	1	0	1	1	1	2	2	2	1	2	2	2	2																																																	
17	2	2	2	1	0	1	3	3	3	2	1	1	1	1	1	1	2	3	3	3	3	2	3	3	2																																																	
18	2	2	2	2	2	2	2	2	1	2	2	3	2	3	3	3	3	3	3	3	3	2	3	3	2																																																	
19	3	3	2	2	2	2	2	2	2	2	2	0	0	0	0	1	1	1	2	1	1	1	2	1	1																																																	
20	3	3	2	2	2	2	2	2	2	2	2	0	0	0	0	1	1	1	2	1	1	1	2	1	1																																																	
21	1	1	1	1	1	0	1	1	2	2	1	2	3	2	3	4	4	4	4	3	4	3	2	1	2																																																	
22	1	1	1	1	1	0	1	2	2	2	2	5	10	5	6	7	6	5	4	3	3	3	3	2	4																																																	
23	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																																																	
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																																																	
25	1	1	1	1	1	1	1	1	2	2	3	2	1	2	3	4	4	4	3	3	3	3	2	2	2																																																	
26	1	0	1	1	0	1	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1																																																	
27	1	1	1	0	0	0	0	1	1	1	1	0	0	0	1	2	3	3	2	2	2	2	2	2	2																																																	
28	0	0	0	0	0	0	0	1	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2																																																	
29	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	3	3	3	2	2	1	1	1																																																	
30	1	1	1	1	0	0	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1																																																	
31	1	1	1	1	1	1	2	2	2	2	2	2	1	1	0	1	1	2	2	1	2	1	1	1	1																																																	
MEAN	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2																																																	

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

	STATION - ELMCREST ROAD, ETOBICOKE							NO 35003			MONTH NOV 73																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	1	0	1			
2	0	0	0	0	0	1	2	2	2	2	1	1	2	2	3	3	2	3	2	2	2	2	2	2	2			
3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	4	3	2	3	3	2			
4	2	1	1	2	1	1	1	1	1	1	0	1	1	1	1	2	2	2	2	3	3	3	2	3	1			
5	2	2	2	1	2	2	3	3	2	1	1	1	1	1	1	1	2	2	2	2	1	1	2	1	2			
6	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
7	1	1	0	0	1	1	2	3	2	1	1	1	1	1	0	0	2	3	3	2	2	2	2	1	1			
8	2	2	2	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	2	1			
9	0	0	0	0	0	0	1	2	1	1	1	1	0	0	1	0	1	2	2	2	1	1	1	2	1			
10	2	2	2	1	2	2	1	3	2	1	1	0	1	0	0	1	2	2	2	2	1	1	1	2	1			
11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1			
12	1	0	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	0	2			
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
14	0	0	0	1	1	1	1	2	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	2			
15	2	2	2	3	2	0	1	2	2	2	2	3	3	2	2	2	1	1	1	2	1	1	1	2	2			
16	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
17																												
18																												
19																												
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24																												
25																												
26																												
27																												
28																												
29																												
30																												
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1			

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
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19																									
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25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	22	2	5	9
MAR	25	3	6	10
APR	28	4	7	12
MAY	31	4	8	14
JUN	30	4	8	16
JUL	30	3	5	14
AUG	31	3	5	8
SEP	28	2	4	9
OCT	31	2	5	10
NOV	16	1	2	4
DEC	21	1	3	5
YEAR	293	3	8	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	134	205	90	8	0	0	0	437
MAR	151	124	165	53	0	0	0	493
APR	83	174	189	82	10	0	0	538
MAY	76	254	238	100	11	2	0	681
JUN	103	205	239	100	2	3	0	652
JUL	154	274	158	37	1	1	0	625
AUG	243	274	147	20	0	0	0	684
SEP	254	248	99	5	0	0	0	606
OCT	277	244	77	25	0	0	0	623
NOV	210	111	5	0	0	0	0	326
DEC	240	189	12	0	0	0	0	441
YEAR	1925	2302	1419	430	24	6	0	6106

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76	0	0.3	1.0	1.8	3.1	5.6	6.8	8.3	9.2	16	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN												UNITS - PARTS PER HUNDREDMILLION													
STATION - MEMORIAL PK,CORNWALL												NO 56051													
												MONTH JAN 73													
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6	4	3	7	8	8	9	9	0	0	0	0	0.00
2	0.00	0.100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	1	1	1	1	1	0	1	0	0	0	0	0.00
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
9	0.00	0.200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	1	1	1	1	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	15	15	14	9	8	7	5
13	4	4	3	2	2	2	7	13	9	8	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5	4	3	2	2	2	2	2	2	3	3	2	1	0.00
16	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	2	2	3
17	2	3	4	4	3	4	3	2	3	2	2	2	0	3	4	2	2	2	2	2	2	2	2	2	3
18	6	7	9	6	5	7	9	9	11	15	12	7	12	0											
19	0.00	0.200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	6	8	4	4	13	15	4	3	0	0.00
20													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
21													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
22													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0.00
25	1			1	1								0	0	0	0	0	4	5	3	2	2	0	1	2
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0.00
27	62	42	23	19	13	7	8	9	9	8	7	8	7	6	5	6	4	5	5	6	5	5	5	5	12
28	4	3	3	3	2	3	3	3	3	2	3	4	4	5	4	4	4	7	6	10	5	5	4	2	4
29	4	3	3	2	1	2	1	4	3	2	2	2	2	1	1	1	1	4	3	3	3	3	3	3	2
30	4	4	3	3	3	3	3	3	3	3	4	4	4	5	5	5	3	4	4	4	4	3	5	4	4
31	5	4	4	4	3	4	4											6	5	4	2	2	2	3	0.00
MEAN	6	5	4	3	2	2	3	3	4	3	3	3	3	2	2	3	3	4	5	7	7	5	5	6	4
PERCENTAGE OF DATA VALID -												44													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN												UNITS - PARTS PER HUNDREDMILLION															
STATION - MEMORIAL PK,CORNWALL												NO 56051															
												MONTH FEB 73															
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	3	2	2	2	1	1	1	1	1	1	0 0 0 0	0 0 0	4	5	5	5	3	7	7	7	7	6	6	6	4		
2	7	5	5	5	6	6	7	7	6	7	7	11	10	10	10	14	8	8	7	7	6	6	6	12	8		
3	- DATA MISSING -																										
4	- DATA MISSING -																										
5	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	2	2	2	2	2	1	2	2	4	4	4	6	6	7	5	0 0 0		
6	6	8	7	6	3	3	3	3	2	2	3	6	8	6	8	6	2	4	6	8	8	10	8	7	6		
7	7	7	8	7	7	8	8	9	9	7	9	9	10	11	12	13	0 0 0	20	17	17	17	16	13	8	11		
8	7	7	6	6	6	6	7	8	8	8	0 0 0 0	4	4	5	3	3	2	3	5	4	4	4	4	4	5		
9	4	3	3	3	3	3	3	4	4	4	4	4	3	3	3	5	3	5	5	5	4	5	3	4	4		
10	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	1	0	2	2	1	1	1	1	1	2		
11	3	3	2	2	2	2	2	2	2	2	1	1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	4	0 0 0		
12	3	4	6	5	5	5	5	7	6	6	5	4	2	2	2	2	2	3	4	5	4	4	4	4	4		
13	2	2	2	2	2	3	3	3	3	0	0	0	0 0 0 0	2	1	1	2	5	5	5	5	5	6	6	3		
14	4	4	4	5	5	4	4	13	14	4	1 0 0 0	0 0 0	3	4	3	3	0 0 0	5	4	5	5	4	4	4	5		
15	2	5	6	4	4	4	3	3	4	0 0 0 0	3	3	2	2	3	3	2	1	1	2	1	1	0	1	3		
16	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	2	2	1	1	1	1	1		
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	1		
18	1	0	0	1	0	0	1	1	0	0	0	2	1	1	1	2	0 0 0 0	2	2	2	2	0 0 0	2	2	1		
19	0	0	0	0	0	1	1	1	2	1	2	2	1	1	2	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	3	3	3	2			
20	1	1	1	1	1	1	0 0 0 0	0 0 0 0	0	4	3	3	3	4	4	3	0 0 0 0	3	0 0 0 0	0 0 0 0	0 0 0 0						
21	2	1	1	1	2	2	2	1	1	2	2	2	1	1	1	1	2	2	2	2	4	4	4	4	2		
22	2	3	3	2	2	1	1	2	2	2	2	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0			
23	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0			
24	2	2	2	1	1	1	2	3	2	1	1	1	1	1	1	2	1	1	1	1	3	3	3	2	2		
25	2	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	1		
26	1	2	5	8	7	6	3	3	4	3	2	2	1	1	1	1	1	2	2	3	3	3	3	3	0		
27	2	1	1	1	3	1	0 0 0 0	0 0 0 0	0	0	0	0	0	0	0	0	0 0 0 0	0	0	0	0	0	0	0	0		
28	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0 0 0 0	2	2	2	2	1	1	1	1		
MEAN	3	3	3	3	3	3	3	4	3	2	2	3	3	3	3	3	2	3	4	4	4	4	4	4	3		
PERCENTAGE OF DATA VALID -		82																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	3	2	3	5	5	5	5	5	5	8	8	14	17	14	5	5	5
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17												-	DATA MISSING	-											
18	5	5	3	1	0	0	0	2	2	2	1	1	1	1	2	6	2	1	4	4	2	2	2	2	2
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20																									
21																									
22	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	7	6	3	2	1	1
23	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0
24																									
25																									
26																									
27	2	4	3	2	2	2	3	2	3	5	5	4	4	5	5	4	3	5	6	7	10	11	11	14	5
28	19	17	14	11	10	5	13	13	8	5	6	5	4	3	5	5	4	6	7	11	10	10	15	29	10
29	24	23	8	4	3	3	3	6	5	5	4	3	3	3	4	4	5	6	8	8	7	8	10	8	8
30	7	6	6	7	7	7	7	9	12	10	10	10	10	10	4	8	9	9	8	6	6	6	5	5	7
31	6	6	7	7	6	5	5	5	7	6	5	7	5	5	5	6	6	5	6	7	3	3	4	4	5
MEAN	7	6	6	4	3	2	3	4	4	3	3	2	2	2	3	3	3	4	4	6	6	5	5	7	4

PERCENTAGE OF DATA VALID - 35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	5	2	2	1	0	2	1	1	1	1	1	3	3	3	1	0	1	1	3	3	3	0	2
2	0	1	2	2	2	1	1	1	3	3	2	2	5	6	6	5	5	5	6	8	8	3	2	2	3
3	2	2	2	0																					
4																									
5																									
6																									
7	3	2	1	1	1	0	1	0	1	0	0	1		2	1	0	0	0	1	2	1	5	4	3	1
8	1	3	2	2	3	2	2	3	1	0	0	0	0	0	1	2	1	1	2	2	3	4	5	4	2
9	3	3	2	2	2	1	1	1	3	3	4	3	3	4											
10																									
11	1	0	0	0	0		0	0	0	0	0	0	0	1	2	1	1	1	2	3	2	2	3	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	3	2	2	2	2	2	2	1
13	2	2	2	1	0	0	1	1	1	1	1	1	1		0	0	0	0	1	4	8	5	4	3	2
14	1	0	0	0	0	0	0	0	0	0	0	0	0		1	0	0								0
15																									
16	8	3	1	1	0	0	0	0	0	0	0	1	0	0	0	3	2	2	3	8	5	2	2	2	2
17	2	2	1	1	1	2	3	4	2	2	1	1	1	0	1	1	1	1	1	2	2	2	2	1	2
18	1	1	1	1	1	0	0	0	1	2	1	1	1		2	2	2	2	3	3	3	3	2	2	2
19	2	2	2	3	4	4	5	6	3	1	1	2	1		1	1	2	3	4	6	7				
20																									
21																									
22																									
23																									
24	1	1								2	3	2	3	3	2	3	4	3	3	3	3	3	3	3	3
25	3	2	2	2	1	3	1		0	0	0	0	1	1	1	1	1	1	1	6	9	23	23	22	5
26	17	13	9	6	5	5	7		2	2	2	2	0	1	0	0	0	0	0	1	2	2	2	1	3
27	0	0												1	1	1	0	0	1	1	1	0	0	0	
28	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	0	1	1	1	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	1	1	1	1	1	3	4	4	4	1
MEAN	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	3	2

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	2	1	2	1	****	1	1	1	1	0	1	1	1	2	3	4	3	2	2	2	2
2	1	2	2	3	2	4	8	15	****	0	0	0	1	1	0	2	2	1	3	2	3	6	4	3	3
3	1	2	1	0	0	1	1	1	****	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1
4	1	1	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
5	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	2	6	2	0	0	0
7	0	0	0	0	1	1	2	2	****	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
8	2	2	2	2	2	2	3	****	****	6	4	4	4	4	5	4	4	3	5	4	3	3	3	2	****
9	1	1	1	1	1	1	2	2	****	1	1	0	0	0	0	1	1	4	8	9	3	1	1	1	4
10	1	1	1	1	1	1	2	2	****	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2
11	2	1	1	1	1	1	1	****	****	****	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	0	0	0	****	0	0	1	1	0	0	1	1	0	0	1	1	0	1	1	1
14	1	1	1	1	1	0	1	****	****	1	0	0	1	0	1	1	1	0	0	1	1	0	0	0	1
15	0	0	0	0	****	****	****	****	****	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	0	****	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
17	1	1	1	1	1	1	1	1	****	****	2	3	3	2	1	2	2	2	2	2	2	2	1	1	2
18	2	1	2	2	2	2	3	****	****	2	4	7	8	5	3	3	3	3	4	4	3	1	0	0	3
19	1	1	0	0	0	0	0	0	****	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1
20	1	1	2	3	2	2	****	****	1	1	1	1	1	1	1	1	2	1	1	2	2	1	2	2	1
21	2	1	1	1	1	1	****	****	1	1	1	1	2	2	1	1	2	2	3	3	3	4	4	3	2
22	1	2	2	2	1	1	1	****	****	2	1	1	2	1	1	1	2	2	4	6	11	16	13	5	4
23	2	1	1	2	2	2	2	****	****	1	2	2	1	1	1	1	2	2	2	3	3	3	4	4	2
24	3	4	4	4	3	2	2	****	****	3	3	3	3	****	2	2	3	2	2	3	5	5	4	4	3
25	2	2	3	2	2	1	1	****	****	2	2	2	3	2	2	2	2	1	2	3	3	4	4	5	2
26	5	4	3	3	3	2	2	****	****	3	3	2	1	1	1	2	1	1	1	1	1	1	2	3	2
27	4	4	3	2	1	1	1	****	****	1	1	0	0	0	0	0	1	1	1	2	3	2	1	1	1
28	1	1	0	1	1	1	1	****	****	1	2	2	3	3	5	7	5	2	5	8	7	4	3	3	3
29	3	2	1	2	2	2	2	****	****	2	2	2	3	3	2	1	3	2	2	2	2	2	2	2	2
30	3	3	4	4	****	2	2	****	****	1	1	1	1	1	1	3	5	7	7	4	3	3	6	5	3
31	****	****	****	****	****	****	****	****	****	****	****	****	1	****	1	1	1	1	1	1	1	0	0	0	****
MEAN	2	2	1	2	1	1	2	2	1	1	1	2	2	1	1	2	2	2	2	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	1	****	****	2	2	2	2	1	2	2	2	1	1	2	2	2	2	3	2
2	6	5	3	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	****	****	****	****	2
3	****	****	****	****	****	****	****	****	****	2	1	1	1	1	1	1	1	2	2	2	6	7	5	3	2
4	2	2	2	2	2	1	3	2	****	4	5	6	4	3	5	6	5	4	6	7	6	6	7	4	4
5	9	9	8	7	7	6	7	6	****	3	2	1	2	2	2	2	2	2	3	4	9	6	5	3	5
6	5	5	5	4	2	2	2	1	****	2	2	2	2	2	1	1	2	1	2	2	4	4	2	2	2
7	2	2	2	2	2	2	2	1	****	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
8	2	2	1	1	1	1	2	2	****	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	2
9	2	2	2	2	2	2	2	2	****	1	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2
10	2	2	2	2	2	2	1	1	****	2	3	2	3	3	2	2	3	3	2	2	2	2	3	2	2
11	2	2	2	2	2	2	3	2	****	2	2	2	2	2	2	3	3	3	****	****	****	****	****	****	2
12	****	****	****	****	****	****	****	****	****	****	0	0	1	1	0	0	0	0	0	1	1	2	0	****	****
13	2	1	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	2	3	4	3	****	****	1
14	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	2	1	****	****	1
15	0	0	0	1	1	1	1	1	1	1	1	2	1	2	1	2	1	1	1	1	1	1	****	****	1
16	1	1	0	0	1	2	2	2	****	3	3	3	4	4	4	3	2	2	2	2	2	1	****	****	2
17	2	2	1	1	1	2	2	2	****	2	2	1	1	1	1	2	1	1	2	3	2	2	****	****	3
18	1	2	4	4	2	4	7	8	****	5	3	2	2	2	2	2	2	2	2	2	2	2	****	****	3
19	2	5	4	2	2	3	4	4	****	3	2	2	2	1	1	2	2	2	2	4	4	6	****	****	3
20	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	0	1	3	3	3	1	****	****
21	1	1	1	0	0	0	0	0	1	0	1	2	1	1	1	1	1	1	2	3	4	4	3	****	1
22	2	1	1	1	1	0	0	1	2	0	0	0	0	1	1	1	1	1	0	2	2	2	****	****	1
23	1	1	1	1	2	1	1	3	2	2	2	2	2	2	2	2	2	3	1	2	4	3	2	****	2
24	2	2	1	0	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	3	4	4	****	2
25	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	3	3	3	2	3	4	4	5	****	2
26	2	3	2	2	3	5	5	4	5	4	3	****	1	2	1	2	2	2	2	3	3	4	3	****	3
27	1	1	0	0	1	0	0	0	1	1	1	1	2	2	2	3	4	3	4	3	4	4	3	****	2
28	2	3	2	3	3	3	2	2	****	****	0	1	4	3	3	3	5	4	7	7	7	4	5	****	3
29	1	1	1	0	2	5	7	7	****	****	****	1	0	0	1	2	3	3	3	4	6	4	4	****	3
30	2	2	****	****	****	****	0	0	****	0	0	0	0	0	0	0	0	1	2	4	7	6	4	****	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	2	1	1	1	2	2	2	2	2	2	3	4	4	4	5	7	7	4	3	***	3
2	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	2	3	4	7	8	8	5	4	***	2
3	2	2	2	2	3	3	2	2	1	1	3	4	3	3	3	3	3	4	3	3	4	2	2	***	3
4	1	1	0	1	1	2	***	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	0	0	0	0	0	0	***	2	3	3	4	4	4	4	4	2	2	3	2	2	3	2	2
6	***	2	2	3	2	2	3	4	5	8	9	8	10	10	8	7	6	7	6	7	6	5	4	5	6
7	***	2	2	2	2	2	2	2	5	5	5	5	5	4	4	5	5	5	5	4	4	5	5	3	4
8	4	4	4	4	5	5	6	7	8	7	7	6	6	4	4	5	6	7	7	7	7	6	6	6	6
9	***	***	6	5	6	6	9	10	9	7	7	7	7	6	***	4	4	3	4	4	7	13	8	5	7
10	***	2	2	2	2	3	4	6	6	4	5	5	5	3	2	5	5	6	4	4	6	7	6	5	4
11	***	4	3	3	3	4	3	4	5	4	4	2	5	5	4	3	3	3	4	4	10	11	13	11	5
12	***	5	4	3	3	3	5	5	3	***	5	4	5	4	4	4	5	5	5	5	4	4	5	3	4
13	***	2	1	2	2	2	3	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
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MEAN	2	2	2	2	2	3	3	4	4	4	5	4	5	4	4	4	4	5	5	5	6	6	5	5	4

PERCENTAGE OF DATA VALID - 35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MEMORIAL PK.CORNWALL

NO 56051

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	4	12	62
FEB	26	3	11	20
MAR	15	4	10	29
APR	25	2	5	23
MAY	31	2	4	16
JUN	30	2	5	9
JUL	13	4	7	13
YEAR	163	3	12	62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	128	80	71	31	6	7	8	331
FEB	196	182	112	49	7	7	0	553
MAR	93	49	71	33	7	8	4	265
APR	274	144	40	9	3	1	3	474
MAY	394	198	58	13	2	2	0	667
JUN	239	304	73	19	0	0	0	635
JUL	33	85	109	33	4	0	0	264
YEAR	1357	1042	534	187	29	25	15	3189

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
62	0	0.2	0.7	1.4	2.6	5.4	7.1	10.5	14.0	62	2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
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27													- DATA MISSING -												
28													- DATA MISSING -												
MEAN	6	6	4	3	2	1	2	2	3	4	4	4	4	4	3	2	1	0.000	0.000	4	7	6	5	5	4

PERCENTAGE OF DATA VALID - 5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
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MEAN	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 73

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR DAY																									
1	2	1	1	1	0	1	2	0.000	1	0	0	0	0	0	0	1	1	1	1	2	3	3	4	3	1
2	1	1	1	1	2	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
3	7	11	7	6	5	5	4	2	0.000	1	1	2	2	2	2	2	2	2	2	2	3	3	1	1	3
4	1	1	1	1	1	1	2	3	0.000	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
5	1	1	2	2	2	2	2	3	0.000	4	4	4	4	3	3	3	2	2	2	1	3	2	2	2	2
6	1	1	1	1	1	1	1	1	0.000	0.000	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
7	1	1	1	1	1	1	1	1	0.000	3	3	2	2	2	1	1	1	2	2	2	2	2	1	1	1
8	1	1	1	1	1	1	1	1	0.000	2	2	2	2	2	0.000	0.000	2	2	3	3	3	3	3	3	2
9	3	3	2	2	1	1	1	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	0.000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0.000	0	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1
13	1	1	1	0	0	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
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MEAN	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1

PERCENTAGE OF DATA VALID - 39

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	1	2	2	2	2	6	12	11	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
18	1	0	0	0	1	2	3	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19																									
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	5	3	3	1	1	1	0	1	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	2	2	1	1	0	1	1	0	0.000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	4	4	3	2	0	0	2	3	2	2	0.000	1	1	1	1	1	1	0	0	0	0	0	0	0	0
25	2	3	1	0	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	2	2	1	1	2	4	4	4	1	0	0	0	1	1	1	1	1	0	0	1	2	3	3	1

PERCENTAGE OF DATA VALID - 16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	3	4	4	10
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	22	1	3	8
JUN	13	1	3	11
JUL	8	1	3	12
YEAR	46	1	4	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB	8	13	9	6	0	0	0	36
MAR		DATA MISSING						
APR		DATA MISSING						
MAY	257	121	35	3	0	0	0	416
JUN	183	87	8	2	1	0	0	281
JUL	82	31	10	0	2	0	0	125
YEAR	530	252	62	11	3	0	0	858

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
29	0	0.2	0.5	0.8	1.4	2.9	3.9	5.5	7.2	12	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	1	1	1	1	2	1	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	1	0	0	0
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	3	3	3	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2
19	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	1
21	1	1	1	1	1	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	2
23	2	2	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1	2	2	5	4	2	2	2
24	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	1	0	0	0	1	0	0	0	1
26	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
27	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	0	1	1	0	0	1
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0
29	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	2	1	1	1	1
30	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
2	0	0	1	1	1	2	2	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
3	0	1	1	1	1	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1
4	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0
13	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	3	2	3	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
17	1	1	2	3	3	4	4	3	2	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	1	1	2	2	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0
19	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	2	2	1	1	2	1	1	1	1	1	3	2	2	1	1	1
21	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	2	3	3	4	3	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
23	1	1	1	1	2	4	3	3	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
24	0	0	1	1	1	2	1	2	2	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

HOUR DAY	STATION - SIMCOE HORTICULTURAL STATION NO 16001										MONTH AUG 73														MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1
4	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1
5	0	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	0	0	0
7	0	0	0	0	0	0	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1	1	1	1	1
9	0	0	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	1	2	2	2	2
10	0	0	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11																									
12																									
13																									
14	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	1
15	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	0	0	0	0	0	1	1	1
16	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1
17	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1
18	0	1	1	1	1	1	1	1	2	2	2	1	1	1	0	1	0	0	0	0	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1
20	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
25	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
28	1	1	1	1	1	1	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1	0	0	1
29	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
30	2	2	2	2	3	3	3	4	4	3	3	3	2	2	2	2	1	1	1	1	1	1	1	2	2
31	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3	2	2	1	1	2	1	2	2	3	3
MEAN	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

HOUR DAY	STATION - SIMCOE HORTICULTURAL STATION NO 16001										MONTH SEP 73														MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	3	2	2	3	3	3	4	4	4	3	3	3	2	2	2	1	1	1	1	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	1	1	1	1
3	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	1	1
4	1	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	1	1	1	1	1	2	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	2	2	3	3	3	3	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2
7	3	3	4	5	4	4	3	3	1	1	1	1	0	0	0	0	0	0	0	0	1	4	4	2	2
8	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1
9	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	1
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
12	0	0	0	0	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
14	1	2	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1
15	2	2	2	2	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	0	0	1	1	2	1
16	0	1	1	0	0	1	0	1	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
17	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
18	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
19	1	2	2	2	1	3	2	3	4	3	1	1	1	1	0	0	0	0	0	1	1	1	1	0	1
20	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1
23	0	0	1	1	0	0	0	0	2	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	2	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
27	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1
28	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
29	1	1	2	1	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
30	1	1	2	2	2	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
MEAN	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
2	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
3	1	0	0	0	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	2	2	1	1	1	0	0	1	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0
6	2	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	2	3	1	2	3	2	2	2	2
7	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2
8	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	2	2	2	3	4	4	3	3	2	2	2	1	1	1	1	1	1	1	1	2	1	1	2
10	1	1	2	2	3	4	5	6	7	5	6	5	5	4	3	3	3	4	2	2	2	2	2	2	3
11	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
12	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	3	2	2	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2
20	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
22	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	5	5	5	5	4	5	3	2
23	4	3	2	2	1	1	1	1	2	2	3	3	2	2	2	2	2	3	4	4	3	3	2	2	2
24	2	1	2	1	1	2	1	1	3	2	2	2	2	2	2	2	3	5	5	5	3	2	2	2	2
25	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
26	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	0
31	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
2	1	1	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	2	2	2	2	2	1	1	1	1	2	4	3	4	4	3	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	1	2	2	1	1	2	2	2	1
12	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3
13	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	3	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
19	3	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
20	1	1	2	2	3	3	3	4	4	3	3	3	2	2	2	2	1	1	1	1	2	3	3	3	3
21	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	3	2	2	1	1	1	1	2
23	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	1	2
24	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	1	3
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
26	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2
28	2	2	2	2	2	2	2	3	3	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	1
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

HOUR DAY	STATION - SIMCOE HORTICULTURAL STATION NO 16001												MONTH DEC 73												MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0
2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	3	4	4	2
3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	4	3	3	1
5	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
7	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	4	3	2	2	1	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	3	2
10	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2
11	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	4	3	3	4	4	2
13	4	4	4	4	3	3	3	3	3	2	2	3	3	3	4	4	3	3	3	3	3	4	3	1	3
14	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
17													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
18													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
19	1	1	1	2	3	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
20													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
21													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
22													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
23													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
24													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
25													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
26													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
27													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
28													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
29	3	3	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1	2	2	1	1	1	2	2
30	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	4	4	4	4	4	5	3
MEAN	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	17	1	2	5
JUL	25	1	1	4
AUG	29	1	3	4
SEP	30	1	2	5
OCT	31	2	4	7
NOV	30	2	3	4
DEC	21	2	3	5
YEAR	183	1	4	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNIT - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN	222	162	3	0	0	0	0	387
JUL	474	71	4	0	0	0	0	549
AUG	496	127	4	0	0	0	0	627
SEP	513	152	11	0	0	0	0	676
OCT	388	296	46	1	0	0	0	731
NOV	395	266	20	0	0	0	0	681
DEC	245	163	21	0	0	0	0	429
YEAR	2733	1237	109	1	0	0	0	4080

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
79	0	0.1	0.4	0.7	1.1	2.1	2.7	3.3	3.8	7	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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31																									
MEAN																									
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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29																									
30																									
MEAN																									
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E 60										NO 22031										MONTH JUL 73														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1									
2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
3	0	0	0	0	0	1	1	0	0	0	0	0	- DATA MISSING -														0							
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
5	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	1	1	1	2	3	2	2									
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
7	0	0	2	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0									
8	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1									
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
10	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	1									
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0									
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	0	1	1	0									
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	0	1	1									
14	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1									
15	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0									
16	1	1	1	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1									
17	1	1	1	2	4	5	5	5	5	5	5	5	0	1	1	1	0	0	0	0	0	1	1	1	1									
18	1	2	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1									
19	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0									
20	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	3	3	2	3	1									
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2									
22	2	3	3	3	3	3	3	4	4	3	2	2	1	1	1	0	0	0	1	1	1	1	1	1	1									
23	2	2	2	2	3	3	3	3	3	3	2	2	1	1	0	0	0	0	0	1	1	2	2	3	2									
24	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	1	1	1	1	1	1	1	1	1									
25	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	1	1	1	1									
26	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1									
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0									
28	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1									
29	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1									
30	1	1	1	2	2	3	2	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1									
31	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1									
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1									

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E 60										NO 22031										MONTH AUG 73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	1	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	0	0	1	1	1	1	2	1	1					
2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1					
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1					
4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	1	1	2	3	3	3	3	3					
5	4	3	3	3	3	3	3	3	3	3	3	4	4	4	3	2	2	2	1	1	2	4	5	4	3					
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	2	2	2	3	3	3					
7	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	2	1	1	1	0	1	1	2	3	2					
8	2	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2					
9	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2					
10	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2					
11	2	2	2	2	3	3	2	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2					
12	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2					
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	1	2	2	2	2					
14	2	2	2	2	2	3	3	2	2	2	3	3	3	3	3	3	3	3	2	3	2	3	3	3	3					
15	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	1	1	2	3	3	3	3					
16	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	2	1	1	0	1	2	3	3	3	3					
17	2	2	2	2	2	4	4	4	3	3	3	3	2	3	3	2	2	2	0	1	2	3	3	3	3					
18	2	2	2	2	2	3	4	3	3	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3					
19	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	2	2	3	4	3	3	3	3	3					
20	2	2	2	1	2	3	2	2	2	2	2	2	2	1	1	1	1	0	0	0	1	0	1	0	1					
21	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1					
22	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2					
23	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
24	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
25	5	5	5	5	5	5	5	5	5	4	3	2	1	1	0	1	2	1	2	2	4	3	5	5	5					
26	4	4	3	3	3	3	3	2	2	2	2	1	0	0	0	1	2	1	1	1	2	3	3	4	3					
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0					
28	4	3	3	3	3	3	3	3	3	3	3	2	2	1	0	0	3	3	3	3	3	3	3	3	3					
29	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	2	2	2	0	3	3	3	3	3	3					
30	4	4	4	4	4	4	3	3	3	3	4	5	4	4	3	1	0	0	0	0	1	1	1	2	3					
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	1	2	2	3	3	3	3					
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2					

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

	STATION - NANTICOKE GS E 60										NO 22031										MONTH SEP 73											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN							
1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3							
2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	0	0	1	1	1	1	1	1	1	3							
3	3	3	3	3	3	4	4	4	3	4	4	3	2	2	1	0	0	0	1	1	1	1	1	1	2							
4	3	3	3	3	3	4	4	4	4	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2							
5	3	3	4	3	4	3	3	4	5	5	4	4	4	4	5	2	2	1	1	2	2	2	2	2	4							
6	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	1	3	3	3	4	4	4	2							
7	4	4	4	4	4	4	4	4	4	4	4	1	1	1	1	1	1	1	1	2	3	3	3	3	2							
8	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
9	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	2	2	1							
10	2	2	2	2	2	3	3	3	3	3	2	2	2	1	1	2	1	2	2	2	3	4	3	3	2							
11	3	3	3	4	3	3	3	3	3	2	2	1	1	1	0	0	0	0	0	1	1	1	1	1	2							
12	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1	3	3	3	3	2							
13	2	2	2	2	2	3	3	2	2	2	2	1	2	2	2	3	3	3	3	2	2	2	2	2	2							
14	4	4	4	4	3	3	2	2	2	2	3	3	2	2	2	2	3	3	3	2	2	2	2	2	3							
15	2	3	2	3	3	3	3	3	2	2	2	2	1	2	2	1	1	2	2	2	0	0	0	0	2							
16	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0							
17	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	3	2	1	1	2	0	1							
18	0	1	3	1	0	0	1	1	1	1	1	0	0	0	0	0	0	3	2	1	2	2	2	2	1							
19	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	2	2	2	3							
20	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2							
21	2	2	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	3							
22	3	3	3	3	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
23	1	1	1	1	1	1	1	1	1	1	2	2	1	1	0	0	0	1	2	1	2	1	2	2	1							
24	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1							
25	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	0	0	1							
26	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	3	3	4	3	3	2	2	2	2							
27	3	2	2	2	1	1	2	2	2	3	3	4	4	5	4	4	4	4	4	3	3	2	2	2	3							
28	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3							
29	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
30	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	1							
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

	STATION - NANTICOKE GS E 60						NO 22031						MONTH OCT 73												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	4	6	6	6	6	4	4	4	4	4	4	4	4	4	3	3	3	3	3	2	4
2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	1
3	2	2	2	2	2	3	1	2	3	3	3	2	3	3	3	3	2	2	3	2	4	2	2	4	3
4	5	4	3	3	3	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	3
5	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1
7	2	2	2	2	2	3	2	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	0	0	1
8	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	1	0	0	0
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	3	5	5	5	5	5	5	5	4	2	2	1	0	0	1	1	1	2	2
11	2	3	4	4	4	4	4	4	4	5	4	4	4	4	4	3	2	1	1	1	1	1	1	1	3
12	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13																									
14																									
15																									
16																									
17																									
18	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	4	4	3	3	2	2	2	1
20	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	1	1
22	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	1	1	1
24	1	1	1	0	0	1	1	1	1	1	2	2	2	2	2	2	1	4	3	3	2	2	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
28	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2
29	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31																									
MEAN	1	1	1	1	1	2	2	2	2	2	1	2	1	1	2	2	1	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	2	3	3	2	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1	0	0	0	1	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0
12	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1
13	1	1	1	1	1	0	0	0	0	0	1	2	2	2	2	2	1	1	1	1	1	0	0	0	1
14	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
15	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	4	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	2	2	2	3	3	3	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	2	2	3	3	4	1
24	4	4	4	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	0	0	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	1
27	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2
28	3	3	3	2	2	2	3	3	3	4	4	3	3	3	3	3	3	1	1	1	1	1	1	1	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	1	2	3	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	0
2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	3	3	4	4	2
3	4	3	3	3	3	2	2	2	2	4	3	2	3	3	3	2	2	2	2	1	1	1	1	2	2
4	2	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	6	5	4	4	3	2	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1
6	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
7	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	0	1	1	2	2	2	1	1	1	1
8	0	1	0	0	0	0	0	0	1	1	1	1	2	2	2	1	3	4	4	2	2	3	3	2	2
9	3	3	3	3	3	3	3	3	4	4	3	3	2	2	2	1	1	1	1	2	2	2	2	2	2
10	3	4	4	3	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
12	1	1	1	1	1	1	1	2	2	3	3	4	4	4	2	2	2	2	2	2	3	4	4	4	2
13	4	3	3	3	4	4	3	4	3	3	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4
14	2	2	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	3	3	2	2	1	2	1
15	3	3	2	2	1	1	2	2	2	2	3	2	2	1	1	2	3	4	4	3	3	3	3	4	2
16	5	5	4	4	4	4	4	4	4	3	2	2	3	3	3	3	4	3	2	3	4	4	4	5	4
17	4	4	4	3	2	2	2	2	3	3	3	3	2	2	1	1	1	1	1	1	0	1	0	1	2
18	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	1	1	1	1	1	0
19	2	3	4	5	5	5	5	4	3	2	1	1	2	2	2	2	1	1	2	2	2	3	3	3	3
20	3	4	4	4	4	4	4	5	4	4	3	3	4	4	4	4	4	4	4	4	4	2	2	2	4
21	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1
24	2	3	4	4	3	3	3	3	2	2	2	0	0	0	0	0	2	2	2	3	3	3	3	3	2
25	3	3	3	3	3	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	0	0	0	1
26	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1
28	1	1	0	0	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1
29	2	2	2	1	1	1	1	1	1	1	2	1	2	2	1	2	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
31	1	1	1	0	0	1	1	2	2	3	3	3	3	3	3	4	3	3	4	4	4	4	5	5	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - NANTICOKE GS E 60

NO 22031

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	2	1	1	3
JUN	28	1	2	4
JUL	30	1	2	5
AUG	31	2	3	5
SEP	30	2	4	5
OCT	27	1	4	6
NOV	30	1	3	4
DEC	31	2	4	6
YEAR	209	1	4	6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNIT - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E 60

NO 22031

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	23	13	0	0	0	0	0	36
JUN	462	134	1	0	0	0	0	597
JUL	456	111	4	0	0	0	0	571
AUG	215	422	43	0	0	0	0	680
SEP	273	378	51	0	0	0	0	702
OCT	377	151	40	0	0	0	0	568
NOV	499	137	10	0	0	0	0	646
DEC	378	248	85	0	0	0	0	711
YEAR	2683	1594	234	0	0	0	0	4511

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76	0	0.2	0.5	0.8	1.5	2.6	3.0	3.7	4.0	6	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31	1	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	2	2	2
MEAN	1	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	1	2	2	1	1	2	2	2

PERCENTAGE OF DATA VALID - 6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	3	3	3	2	2	1	2	1	1	1	1	2	2	3	3	2
2	3	3	2	3	3	3	4	4	4	4	3	3	2	1	1	1	0	0	2	2	2	2	2	2	2
3	4	4	4	4	4	5	5	5	6	4	3	3	2	2	1	1	1	2	2	2	2	2	1	1	3
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	3	3	3	4	5	5	4	3	3	2	2	1	0	0	0	0	0	1	1	2	2
6	2	2	3	2	3	3	4	3	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	3
7	2	2	2	2	3	5	4	4	5	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
11	1	0	0	0	0	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	2	3	2	1	1
13	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1
14	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	0	1	2	2	4	3	1	1
15	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	0	1	2	3	1	2	4	2
16	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1
18	2	2	2	3	4	3	4	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	1	0	0	0	0	1	1	2	1	1
20	1	1	1	1	1	2	2	2	2	3	3	3	2	1	1	1	0	0	0	0	0	1	1	1	1
21	0	0	0	1	2	3	4	2	2	1	1	1	1	1	1	0	0	0	0	0	1	3	1	2	1
22	2	2	2	2	4	3	3	2	2	2	1	1	1	0	0	0	0	0	1	1	0	1	3	1	1
23	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	3	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
25	1	1	1	1	3	3	3	4	4	4	4	3	2	2	2	1	5	3	1	1	1	2	3	3	2
26	3	2	3	3	3	3	4	4	4	4	3	3	2	2	2	1	1	1	1	0	1	2	2	2	2
27	2	2	2	2	3	3	3	4	4	4	4	3	2	2	2	1	1	0	0	0	0	0	0	0	2
28	0	1	1	1	1	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	2	3	3	3	2
29	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	2	3	3	3	2
30													- DATA MISSING -												
MEAN	2	2	2	2	2	2	3	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 1 2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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23																									
24																									
25																									
26																									
27																									
28	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
31	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1

PERCENTAGE OF DATA VALID - 14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1
3	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	2	1
5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	3	3	1	1	1
6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	4	5	4	3	3	1
7	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	0	0	1	2	2	1	1	1
8	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1
11	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0
14	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	1
15	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
16	0	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	1
17	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1
18	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
19	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1
20	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0
23	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	3	3	2	2	1
25	2	1	1	1	1	2	1	1	1	2	1	1	1	1	0	0	0	0	1	2	1	1	2	3	1
26	2	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	1	1	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
28	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0
29	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	2	2	1
31	0	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	0	0	0	2	1	2	2	2	1
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	2	1
2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
3	1	1	1	1	1	1	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	1	2	3	1
4	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	2	1	1	1	1	1
5	1	1	1	1	1	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	1	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	1	1	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	1	1	2	1	0	1
20	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	2	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	0	0	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1
27	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
29	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	1	1	1	1	1	2	2	2	2	1	1	0	0	1	4	5	4	2	2	2	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	1
12	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	3	3	3	3	4	4	5	5	4	5	5	5	5	5	5	6	4	3	3	6	7	5	4	3	0
26	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	0	0	1	1	1	1	1	1	1
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
28	3	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	4	4	4	3
29	4	4	4	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																		0	0	0	0	0	1	1	
2	1	1	1	1	1	0	1	0	1	1	0	1	1	0	0			3	3	3	3	3	3	3	1
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	3	2	2	3	2	3	3	2
5	3	3	3	2	2	2	2	3	3	3	3	2	3	3	2	2	2	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3
7	3	2	2	2	2	3	3	3	2	2	2	2	3	3	3	3	3	4	6	6	4	4	4	3	3
8	2	2	2	2	1	2	1	1	1	3	4	4	4	4	3	3	3	4	4	4	3	4	4	3	3
9	3	3	3	3	3	3	3	4	4	4	4														
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17												0	1	1	1	1	1	1	2	2	2	2	2	3	
18	3	2	2	1	2	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	0	0	0	1	1
19	2	3	3	3	3	2						4	2	2	1	1	1	2	1	1	1	1	1	2	2
20	2	1	2	3	3	2	2	2	2	2	1				2	2	2	3	3	3	4	5	5	5	3
21	5	5	5	6	5	5	5	5	4	4	4	5	4	4	3	2	2	3	2	2	2	2	2	1	4
22	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	3	3	2	1	1	1	1	1
23	1	1	1	1	0	0	1	1	1				2	1	0	0	2	2	1	1	3	4	4	5	2
24	5	5	5	6	5	5	4	3	3	4	4	5	4	4	4	3	4	3	2	1	1	1	1	1	3
25	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	5	6	5	4	3	3
26	3	3	3	3	3	3	3	3	3	3	4	5	6	5	4	3	3	4	3	3	3	3	4	4	4
27	4	4	3	3	4	3	2	3	3	3	3				3	2	1	2	2	1	3	3	3	4	3
28	4	3	3	3	2	2	3	4	5	5	6	5	5	5	4	3	4	4	4	4	4	4	4	4	4
29	5	5	5	5	4	4	4	4	4	4	4	3	3	3	3	3	3	2	3	3	3	3	3	3	4
30	3	3	2	2	1	1	0	0	0	0	1	1	0												
MEAN	3	3	3	3	3	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20	4	4	4	3	3	3	3	3	3	3	3	4	3	2	3	5	4	4	3	3	4	4	4	4	
21																									
22																									
23																									
24																									
25	6	6	6	6	5	5	4	2	2	2	2	2	1	1	0	0	0	0	0	1	1	1	2	6	2
26	1	1	1	0	0	0	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	3	3	3	2
27	3	3	3	2	3	3	3	0	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
28	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
29	2	2	2	1	1	1	1	0	1	1	1	3	3	3	0	0	0	1	1	1	2	2	3	3	1
30	3	3	4	4	3	4	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
31	0	0	1	0	0	0	0	1	2	2	3					4	4	4	4	5	5	5	6	4	3
MEAN	3	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	2	2	2	3
JUN	29	2	3	6
JUL	5	1	1	3
AUG	31	1	1	5
SEP	30	1	1	3
OCT	16	1	4	7
NOV	23	3	4	6
DEC	10	2	3	6
YEAR	146	1	4	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNIT - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	17	31	0	0	0	0	0	48
JUN	347	240	43	0	0	0	0	630
JUL	103	3	0	0	0	0	0	106
AUG	668	50	3	0	0	0	0	721
SEP	648	46	0	0	0	0	0	694
OCT	173	82	32	2	0	0	0	289
NOV	111	274	102	0	0	0	0	487
DEC	75	81	36	0	0	0	0	192
YEAR	2142	807	216	2	0	0	0	3167

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
53	0	0.1	0.4	0.7	1.2	2.7	3.4	4.3	4.8	7	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3																									
4																									
5																									
6	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2
7	3	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	4	4	4	3
8	3	2	2	2	2	3	3	4	5																
9																									
10																									
11																2	2	2	3	3	3	3	3	3	3
12	3	3	3	2	2	2	3	3	3	3	3	3	2	2	3	3	4	4	4	4	4	4	4	4	3
13	3	3	4	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	2	2	2	1	1	1	1	1	1	2	3	2	3	3	2	2	2	2	2	2	1	2
15	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	3	3	3	3	2
17	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	0																							
19																									
20																									
21																									
22																									
23																									
24																									
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	5	4	4	4	4	4	3
26																									
27	4	4	4	4	3	3	3	3	2	3	3	2	2	3	3	3	3	3	2	2	3	3	3	3	3
28	3	2	2	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2	1	1	1	1	1	1	2
29	2	2	3	2	2	2	1	1	1	2	2	3	2	2	2	2	3	3	4	4	3	4	4	4	2
30	4	3	3	3	2	2	2	3	3				3	3	3	3	4	4	4	3	3	3	3	3	3
31	2	2	2	1	1	2	2	3	4	4	4	4	3	3	3	3	4	4	3	3	3	4	4	5	3
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 56

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	4	5							8	7	7	8	8	8	7	7	6	6	6	5	6
2	5	5	4	4	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	3	3	4
3	2	2	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	1	1	2
5	2	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2
6	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	3	3	3	3	2	2	2	3	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
8	3	2	1	1	2								6	5	5	5	5	5	5	4	5	5	4	5	4
9	5	4	3	3	3	3	3	4	4	4	4	4	4	3	3	3	4	4	4	3	3	2	2	3	3
10	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
12	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	7	8	8	7	7	7	7	7	8	8	8	9	5
14	8	8	8	9	7	6	4	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	4
15	2	2	1	1	1	1	1	2	3	2	2	2	2	3	4	4	4	4	4	4	3	3	3	3	3
16	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	4	3
18	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4
19	3	3	3	3	2	2	3	3	3	3	3	3	3	3	4	5	5	5	5	4	4	4	5	5	4
20	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	5	5	4	4	4	4	4
21	4	4	5	4	4	4	4	4	4				3	3	3	3	3	3	3	3	3	3	3	3	3
22	2	2	2	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3
23	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	6	6	6	6	5
24	4	4	4	4	3	3	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	5
25																									
26																									
27	5	5	5	5	5	5	5	5	6	6	5	5	4	4	4	4	5	5	6	7	6	6	6	6	5
28	6	6	6	6	5	6	6	6	8	7	7	7	7	7	7	8	8	8	9	8	8	7	7	7	5
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	7	7	7	6	6	6	7	7	7	7	7	8	9	9	9	9	9	8	8	8	8	7
2	8	8	9	9	9	9	8	9	9	7	7	7	6	7	7	7	6	6	5	5	6	5	5	4	7
3	4	4	4	4	4	4	3	3	3	4	4	4	5	6	6	7	7	7	7	7	7	7	8	8	5
4	8	8	8	7	7	7	7	7	7	5	4	3	4	4	4	4	4	4	4	4	5	4	4	4	5
5	4	4	4	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	5	4	4	4	5
6	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	5	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	6	4	4	5	5	5
8	4	4	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	4	4	4	3	3	3	4	4
9	3	3	3	4	3	3	3	3	3	3	3	3	4	2	2	2	3	3	4	4	3	3	3	3	4
10	3	3	2	2	2	2	2	3	3	4	4	5	2	2	2	3	3	3	4	4	3	3	4	3	3
11	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4	3	3	4
12	3	4	3	3	2	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	2	3	2	3
13	2	1	0	0	0	0	1	2	3	3	3	3	4	3	3	3	4	4	4	4	4	2	2	2	3
14	4	4	4	3	2	3	2	3	3	4	3	3	3	3	3	3	2	2	2	2	3	3	3	3	2
15	2	2	2	3	3	3	3	3	3	3	4	3	5	5	4	3	3	3	3	3	3	3	3	3	3
16	3	2	2	1	1	1	2	3	3	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3
17	3	3	2	2	1	1	2	2	2	3	3	3	3	4	4	3	3	3	2	3	3	3	3	3	3
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
19	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	2
20	4	3	3	2	2	2	2	3	3	3	3	2	3	2	3	3	3	3	4	4	4	4	4	4	2
21	4	4	4	4	4	3	4	4	4	4	3	3	3	3	3	4	4	4	4	5	5	4	4	4	4
22	5	4	4	4	3	3	3	4	4	4	4	5	4	5	5	5	5	5	4	4	5	5	5	5	4
23	5	5	5	5	4	4	4	4	5	5	5	5	4	4	5	6	7	5	5	5	6	6	6	6	5
24	9	8	8	8	8	6	6	7	7	6	5	7	6	6	5	4	6	6	6	6	6	6	6	6	6
25	4	3	3	3	2	2	3	4	4	5	5	3	3	3	3	3	3	3	4	5	6	6	6	4	5
26	4	3	3	3	3	3	4	4	4	5	4	3	3	3	3	3	3	4	4	5	6	6	6	4	3
27	6	6	6	6	4	3	4	4	4	4	3	3	4	4	4	4	4	5	6	6	6	6	6	6	4
28	7	7	7	7	5	5	5	5	5	5	5	5	6	5	8	8	9	8	8	8	8	7	7	7	5
29	5	6	5	6	5	5	5	5	5	5	5	5	5	5	6	6	6	7	7	7	6	6	6	6	6
30	5	6	5	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6
31	6	6	6	6	4	4	3	3	4	4	4	5	5	6	6	6	7	5	5	5	4	4	4	4	5
MEAN	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	3	3	2	3	3	3	3
2	3	3	3	3	3	3	3	4	5	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	6	6	6	6	6	5	5	4	5	5	4
4	4	4	4	4	5	4	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
5	4	4	4	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	4	5	4	4	2
6	4	4	3	3	3	3	3	3	4	4	4	5	6	5	5	3	3	3	3	4	5	5	5	4	4
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	4	4
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	4	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
10	2	3	3	3	3	3	4	4	4	3	3	3	4	3	4	4	4	4	3	3	3	2	2	2	2
11	2	2	2	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2
12	3	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	5	5	5	5	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	3
15	6	5	6	6	6	6	6	6	5	4	4	4	4	4	4	4	4	4	4	4	5	6	7	7	5
16	9	9	9	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6
17	3	2	2	2	2	2	3	4	4	4	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3
18	6	5	6	6	5	6	6	8	8	8	9	6	6	5	4	4	4	6	7	7	6	6	6	6	4
19	7	7	6	6	5	4	4	4	5	5	5	5	4	4	5	5	5	5	5	6	6	6	6	7	6
20	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2
21	4	3	3	5	5	5	6	7	7	5	5	4	5	5	6	8	6	4	4	3	3	3	3	3	5
22	4	4	4	3	3	3	2	2	2	2	2	2	3	3	3	2	1	1	2	2	3	3	3	3	5
23	3	2	2	2	3	3	3	4	5	5	4	4	3	3	3	4	5	6	6	4	4	4	4	4	4
24	3	2	1	1	1	2	2	2	2	2	2	1	1	2	1	1	2	2	1	2	3	4	4	4	2
25	3	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26																									
27																									
28																									
29																									
30																									
MEAN	4	4	3	3	3	3	3	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	2	3	5
FEB	27	3	7	9
MAR	31	4	7	9
APR	25	4	6	9
YEAR	105	3	7	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNIT - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	86	276	56	0	0	0	0	418
FEB	78	282	199	49	0	0	0	608
MAR	31	282	339	81	0	0	0	733
APR	21	309	216	32	0	0	0	578
YEAR	216	1149	810	162	0	0	0	2337

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
81	0	1.0	2.0	2.7	3.6	5.5	6.5	7.5	8.0	9	3.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH FEB 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
MEAN																									

PERCENTAGE OF DATA VALID - 22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH MAR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
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25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2
2	3	3	2	2	2	2	2	2	4	5	4	4	3	2	2	2	2	2	2	2	2	2	3	3	2
3													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
4													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5	4	4	3	3	3	3	3	4	4	4	3	4	4	4	5	2	3	3	3	4	5	4	4	4	4
6	4	4	3	3	3	3	3	4	4	4	3	4	4	4	5	2	3	3	3	4	5	5	5	5	4
7	5	4	3	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	4	5	6	5	5	4	3
8	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	4	4	4	4	4	2
9	3	3	2	2	1	2	3	2	2	2	2	1	2	1	2	2	2	2	2	2	1	1	1	1	2
10	1	2	2	2	3	3	3	4	4	3	3	3	4	3	3	3	4	4	4	3	3	2	2	2	3
11	2	2	2	1	1	2	2	3	2	2	1	2	1	1	2	2	2	2	2	3	3	3	3	3	2
12	4	4	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3
13	3	3	2	2	1	1	2	2	2	2	1	2	1	1	2	2	2	2	3	3	4	4	4	4	2
14	4	4	4	3	3	4	4	3	3	3	3	2	3	3	3	3	3	3	3	3	4	5	5	5	3
15	4	4	5	5	5	5	4	3	3	2	3	3	3	4	4	5	5	4	5	5	5	6	6	7	4
16	8	8	7	7	7	7	7	6	5	6	5	5	4	3	4	4	5	5	5	3	2	2	2	2	5
17	1	2	1	1	1	1	2	2	3	2	2	3	3	3	4	4	5	5	6	6	6	6	7	6	3
18	5	5	6	6	6	5	7	8	8	9	6	6	6	4	4	4	5	6	7	7	7	6	6	7	6
19	7	7	6	6	5	4	4	5	5	5	5	5	4	4	4	4	4	5	4	6	5	4	3	3	5
20	3	3	3	3	2	1	1	1	1	1	1	2	1	2	2	2	2	3	3	4	4	4	4	4	2
21	4	3	3	5	5	6	6	7	7	5	5	4	5	5	6	7	5	4	4	3	3	3	3	4	5
22	5	4	4	3	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	3	4	3	3	3	3
23	2	1	1	2	2	1	2	3	4	3	3	3	3	3	3	4	5	5	5	5	5	5	5	4	3
24	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	2
25	3	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	5	6	5	6	3	3
26	5	5	4	3	3	3	3	3	3	4	2	2	2	2	2	3	3	3	3	3	3	3	4	5	3
27	3	3	2	2	1	1	2	2	3	3	4	5	4	4	5	4	4	3	3	3	2	2	2	2	3
28	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	5	6	2
30	7	8	7	5	4	3	3	4	3	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	3
MEAN	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	3
2	5	5	5	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	5	3
3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	4	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	2	4	3	2	2	3	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	2	3	2	1	2	3	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	4	4	2	2	3	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3
12	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	1	0	1	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	4	5	5	4	4	2	3	4	4	4	4	4	4	4	4	5	5	4	3	4	3	4	4	5	4
16	4	3	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	2	3	2	2	2	3	3	2	2	2	2	3	3	3	3	3	3	4	4	3	3	3	3	3
18	2	2	2	2	2	2	3	3	3	2	2	2	1	0	1	2	2	2	2	2	3	3	3	3	2
19	3	3	3	2	2	2	2	1	2	1	3	3	2	2	2	2	2	4	5	5	6	9	9	8	3
20	7	8	8	7	7	6	4	3	3	2	2	1	1	1	1	1	0	1	1	2	2	3	3	3	3
21	3	2	1	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	3	3	3	3	1
22	2	1	0	0	1	2	2	2	3	1	1	6	4	3	4	4	5	4	4	4	9	10	8	9	4
23	9	5	4	4	3	3	3	5	4	4	4	4	2	3	5	5	5	3	3	3	3	4	4	5	4
24	4	4	3	3	2	2	2	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	2	1	1	1	1	3	3	3	3	3	2	2	3	3	3	4	3	3	3	3	3	4	3	3
26	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	2
27	3	2	3	2	2	2	2	3	2	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1	2
28	1	1	1	1	1	1	3	4	4	4	3	3	4	6	5	6	7	8	6	6	7	4	5	5	4
29	4	2	1	1	2	3	4	4	4	4	4	4	2	3	2	2	2	2	2	2	2	2	2	2	3
30	2	1	1	2	1	2	3	4	5	2	3	2	3	3	3	4	4	3	3	4	4	4	4	4	3
31	4	4	4	3	4	4	4	4	4	3	2	3	3	3	3	4	4	5	4	4	4	5	6	6	4
MEAN	3	3	2	2	2	2	3	3	3	2	2	3	2	2	3	3	3	3	3	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	4	5	4	5	5	4	2	2	2	2	2	3	2	3	4	4	3	4	4	3
2	4	3	3	2	1	1	1	1	1	1	1	1	1	2	2	3	3	2	3	5	5	5	5	5	3
3	5	5	5	4	4	3	2	1	1	1	1	1	2	2	2	2	2	3	3	4	4	4	5	5	3
4	5	4	3	3	3	4	5	6	5	5	4	2	3	5	5	5	4	3	3	6	7	7	6	5	5
5	6	5	3	1	2	3	4	4	4	5	5	4	5	4	3	4	4	4	4	5	3	2	2	3	4
6	2	2	1	2	2	2	4	4	3	3	3	3	3	5	4	4	5	5	5	5	4	4	5	4	4
7	3	3	2	3	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	3	4	4	4	3
8	4	3	1	1	2	3	4	5	4	4	4	3	3	3	3	3	3	3	4	4	3	3	3	2	3
9	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	3	3	3	3	2
10	2	2	2	2	3	2	2	2	2	3	3	2	2	2	2	2	2	2	3	4	4	3	4	4	3
11	3	4	5	8	4	4	5	10	10	8	6	4	5	4	***	3	2	2	4	3	4	6	6	6	5
12	5	4	2	2	2	3	4	4	4	7	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4
13	2	2	2	2	1	1	2	3	4	3	2	2	1	2	2	2	2	2	2	2	3	4	3	2	3
14	3	2	1	1	1	2	3	3	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
15	4	3	2	3	5	4	5	5	4	2	2	2	1	2	2	2	2	2	2	2	3	2	3	3	3
16	3	3	3	3	3	3	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17																									
18																									
19																									
20																									
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	5	3	5	6	5	4	6	9	9	8	***
22	7	8	9	8	7	9	9	7	8	6	4	4	4	4	4	4	4	4	2	3	5	5	6	5	6
23	6	5	4	4	4	2	2	3	4	5	3	2	3	3	2	2	2	2	3	5	5	5	5	5	4
24	6	4	3	4	3	2	2	3	2	2	1	1	1	1	1	1	1	2	2	3	4	4	4	4	3
25	4	4	3	3	3	3	4	5	4	3	2	1	***	6	3	3	4	3	4	4	4	4	5	5	4
26	4	3	2	3	3	3	4	4	4	5	5	5	6	5	5	6	4	4	4	4	3	3	6	4	4
27	3	2	3	3	2	3	4	6	5	4	5	5	3	3	4	4	5	5	5	4	3	3	3	5	4
28	3	3	4	2	3	3	3	4	3	3	3	4	3	4	6	5	4	3	3	3	3	3	3	2	3
29	2	2	2	2	3	4	3	3	3	3	2	3	3	3	3	3	4	3	4	4	5	4	4	4	3
30	5	5	6	6	6	6	5	3	3	3	3	2	3	3	3	3	3	3	4	3	3	3	3	2	4
MEAN	4	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3

- DATA MISSING -
- DATA MISSING -
- DATA MISSING -
- DATA MISSING -

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	3	4	3	3	3	3	2	2	2	2	3	3	4	4	4	4	3	3	4	3
2	6	5	5	5	5	5	5	5	3	3	3	3	3	2	2	2	3	4	4	4	4	3	2	2	4
3	1	1	2	3	6	5	4	***	***	3	3	2	***	4	4	4	5	4	3	3	3	3	3	3	3
4	4	5	4	4	4	4	6	7	5	4	3	2	4	3	3	4	5	3	3	4	5	4	4	4	4
5	4	3	1	1	1	2	3	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	4	3	2
6	3	3	3	2	3	3	4	5	6	6	4	4	4	4	4	5	4	3	2	2	3	4	5	4	4
7	6	5	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	4	4	4	4	3
8	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	5	3	3	5	4	2
9	2	1	1	1	1	1	3	3	3	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3	2
10	3	2	2	2	2	2	3	4	4	5	5	4	3	5	5	5	5	3	3	3	2	2	2	3	3
11	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	2
12	2	2	2	2	1	2	3	3	2	2	1	2	3	3	2	2	2	2	3	3	3	3	4	3	2
13	3	2	2	2	2	3	4	5	6	4	4	4	5	4	3	4	5	3	4	5	4	3	3	2	4
14	2	2	3	3	2	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	4	2	2
15	3	3	3	3	4	4	3	2	2	2	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2
16	2	2	2	2	2	2	2	4	7	4	4	4	2	2	2	2	3	3	3	4	4	4	4	3	3
17	4	4	3	3	3	3	3	5	5	2	3	3	2	2	2	3	4	3	3	3	5	5	5	5	4
18	5	5	5	5	4	4	7	7	7	4	4	3	3	3	3	4	4	4	4	4	4	5	5	5	6
19	5	6	7	7	7	7	7	8	1	8	7	6	6	3	4	4	5	5	5	5	5	6	8	8	6
20	5	6	4	4	3	5	6	7	6	4	3	3	3	3	3	4	5	5	4	5	4	4	4	4	4
21	3	3	2	1	1	1	2	2	2	1	1	1	2	1	1	2	3	2	3	3	4	5	4	5	2
22	3	3	3	3	2	2	2	2	2	1	1	1	2	1	1	2	2	2	2	3	4	5	5	4	2
23	4	3	3	2	2	2	4	4	4	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3
24	5	4	4	3	3	3	4	3	3	3	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	2	2	2	4	5	6	4	5	5	5	4	5	5	5	6	5	5	4	5	5	6	4	4
26	5	4	4	3	4	4	5	5	4	4	4	3	3	4	4	3	3	3	3	3	3	2	2	2	4
27	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	4	3	3	4	3	3	3	2	3
28	3	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	3	2	2	2	3	2	2	2	2
29	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	3	4	4	4	3	2
30	3	3	3	3	3	3	4	6	4	4	4	3	3	3	4	3	3	3	3	3	3	3	4	3	3
31	3	4	4	3	3	4	4	6	4	5	5	6	7	5	4	4	6	5	4	6	5	5	5	5	5
MEAN	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	1	1	3	5	6	4	3	3	3	2	2	2	2	3	3	3	3	4	4	3	4	3
2	3	5	5	4	2	2	4	6	6	4	4	4	5	5	3	4	3	3	2	3	5	5	4	4	4
3	3	2	2	2	1	2	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	3	3
4	3	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	4	4	4	5	4	4	4	4	3
5	4	4	4	3	3	2	3	3	5	4	3	3	3	3	3	3	4	4	4	5	3	4	4	4	3
6	4	3	1	1	1	5	7	6	5	7	6	2	2	2	2	2	2	2	2	3	5	5	5	3	3
7	3	4	4	4	3	5	7	6	5	7	6	2	2	2	2	2	2	2	2	3	5	5	5	3	3
8																									
9																									
10	3	2	2	2	2	2	3	4	3	3	3	3	3	3	3	2	3	3	3	3	4	5	5	5	3
11	5	3	4	4	3	3	3	4	3	3	2	2	2	2	2	2	2	2	2	3	3	2	4	5	3
12	4	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3
13	4	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3
14	4	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3
15	4	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3
16	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3
17	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3
18	5	4	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	3
19	5	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	3
20	2	2	2	2	3	3	3	4	3	3	2	2	2	2	2	3	3	4	2	2	3	3	2	4	3
21	1	1	0	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	2	2	2	2	2	3	4	4	5	4	3	5	2	2	2	3	3	3	3	3	4	4	4	4	3
24	3	2	1	1	1	1	3	4	6	2	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
25	3	6	5	5	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	4	4	3	6	5	4
26	5	4	3	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	5	4	3	5	4	3
27	5	4	2	1	1	2	3	3	5	3	3	4	3	4	4	3	3	3	3	3	5	5	5	3	3
28	2	2	2	1	1	1	1	3	3	3	2	2	2	2	2	2	2	2	2	3	4	5	4	4	3
29	6	4	3	3	2	3	5	6	6	5	5	5	3	3	2	2	2	2	3	4	5	4	4	3	4
30	3	3	2	2	2	3	5	6	5	3	3	2	2	3	4	4	3	3	3	4	6	6	4	5	4
31	5	3	2	2	3	2	4	4	3	3	3	3	3	4	4	5	6	3	3	5	6	6	6	5	4
MEAN	3	3	2	2	2	2	3	4	3	3	3	2	2	2	2	3	3	3	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	3	3	3	3	3	3	3	2	3	3	4	4	4	2	2	2	3	3	3	3	4	4	3
2	4	5	5	4	4	3	3	4	3	3	2	3	2	2	2	2	2	2	3	4	6	7	7	7	4
3	6	4	3	2	2	2	3	3	3	5	5	3	3	3	3	3	2	2	3	4	5	5	4	4	3
4	4	4	4	5	5	5	5	7	9	6	6	5	4	3	3	4	4	3	3	3	4	4	3	2	4
5	2	3	6	8	6	5	5	4	4	2	3	5	4	4	4	4	3	3	3	2	1	1	1	1	4
6	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	3	3	3	2	2
8	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
10	2	2	1	1	1	2	3	3	4	2	2	3	2	3	4	3	3	4	3	3	3	3	3	3	3
11	2	2	1	1	1	2	3	3	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2
12	1	1	1	1	1	2	3	3	3	2	2	2	3	3	4	1	2	2	2	2	2	2	2	2	2
13	3	3	2	3	3	3	3	4	3	4	4	3	3	3	2	2	2	2	2	3	3	3	3	3	3
14	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
15	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
17	2	2	2	2	2	2	3	4	3	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2
18	2	2	1	1	1	1	2	2	3	2	2	1	1	1	1	2	2	2	2	3	4	4	4	4	4
19	4	3	3	3	3	3	4	4	4	4	4	3	2	3	3	3	3	2	3	3	3	3	3	3	3
20	3	2	2	2	2	2	1	2	2	1	2	1	1	1	1	1	1	1	2	2	2	3	3	3	3
21	3	3	3	3	3	2	3	3	5	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	3
22	2	2	2	2	2	2	3	3	3	3	3	3	5	6	5	5	4	4	3	5	5	4	4	3	3
23	3	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3
24	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	3
26	3	3	3	2	2	2	3	3	3	4	3	4	4	4	5	6	5	5	5	5	6	6	6	6	4
27	2	1	1	2	2	3	3	3	3	3	3	3	4	3	3	3	3	3	2	2	2	2	2	2	3
28	2	2	1	1	1	2	3	3	4	3	3	3	3	3	3	4	4	4	4	4	4	5	5	4	3
29	3	4	3	2	2	2	3	3	3	2	2	2	1	2	2	1	2	2	3	3	3	3	3	3	3
30	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	3	2	3	3	4	3	2
MEAN	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	7	3	5	6
MAR	31	4	6	9
APR	28	3	6	9
MAY	31	3	4	10
JUN	26	3	6	10
JUL	31	3	6	11
AUG	30	3	4	7
SEP	30	3	4	9
OCT	29	3	8	13
NOV	30	2	4	6
DEC	31	2	4	6
YEAR	304	3	8	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNIT - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	14	57	80	0	0	0	0	151
MAR	57	335	320	23	0	0	0	735
APR	77	358	187	26	0	0	0	648
MAY	145	386	191	16	0	0	0	738
JUN	39	303	231	20	0	0	0	593
JUL	61	427	235	14	1	0	0	738
AUG	86	425	182	3	0	0	0	696
SEP	133	457	120	6	0	0	0	716
OCT	136	351	142	42	1	0	0	672
NOV	89	539	82	0	0	0	0	710
DEC	92	516	74	0	0	0	0	682
YEAR	929	4154	1844	150	2	0	0	7079

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88	0	0.8	1.5	2.2	2.9	4.4	5.1	6.1	7.0	13	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH MAY 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24	6	4	4	4	3	5	6	4	3	3	4	3	3	3	2	5	4	4	5	5	6	7	5	5	5
25	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
26	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
27	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	3	2	2	2	2	2	4	4	4	4	9	8	7	7	7	7	6	4
29	6	3	2	2	3	4	5	4	3	4	3	4	4	4	5	3	2	2	3	2	3	2	3	2	3
30	2	2	1	2	2	2	3	3	2	1	1	1	1	1	1	2	2	2	2	4	4	3	4	4	3
31	4	4	4	4	4	3	6	4	4	3	3	2	4	3	3	4	5	5	7	7	7	8	7	5	5
MEAN	3	3	2	2	2	3	4	3	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	3	3

PERCENTAGE OF DATA VALID - 26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	4	5	6	4	4	5	5	4	3	2	3	3	3	3	3	4	4	4	4	4	4
2	4	3	3	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	4	2
3	4	4	3	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	3	3	2
4	2	2	2	2	3	4	5	6	8	7	4	4	4	4	5	7	6	4	6	8	6	5	5	5	5
5	4	3	3	2	3	4	4	5	4	3	3	3	3	4	3	5	5	4	6	7	6	3	3	3	4
6	3	2	2	2	3	3	3	4	3	3	3	3	2	3	3	6	5	5	6	6	5	5	5	5	4
7	4	2	3	3	3	3	4	6	4	6	5	4	4	4	4	4	4	5	5	6	4	4	4	5	4
8	4	4	3	2	3	4	4	4	6	6	5	4	4	3	4	4	4	4	6	5	4	4	3	4	4
9	3	3	2	2	1	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	3	3	2	3	2
10	2	2	2	1	2	2	2	2	2	3	3	2	2	2	2	2	3	3	5	5	7	6	6	5	3
11	5	3	2	3	4	4	7	5	7	7	8	6	5	6	4	4	4	5	5	7	7	6	5	4	5
12	2	2	1	1	2	3	4	4	5	4	3	4	5	4	2	3	3	4	3	5	4	3	4	3	3
13	2	1	1	1	2	1	2	2	3	3	2	1	1	2	2	3	2	3	2	2	2	3	2	2	2
14	3	2	1	1	1	2	3	1	1	1	1	1	1	1	2	2	3	3	4	3	4	3	4	2	2
15	3	3	4	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2
16	1	2	1	1	2	2	2	3	5	5	8	5	3	4	3	3	1	1	1	1	2	2	2	1	3
17	1	1	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1
20	1	1	1	1	2	4	4	4	4	4	3	3	2	3	3	4	5	3	3	6	6	6	6	6	3
21	6	6	6	6	5	5	7	7	9	8	9	8	10	7	6	6	5	6	11	11	10	9	6	5	7
22	6	5	5	5	4	6	8	10	10	8	7	7	6	5	5	6	5	4	6	6	6	6	6	6	6
23	4	3	3	3	3	2	2	3	3	4	5	5	5	4	4	3	3	3	3	5	5	5	5	5	4
24	4	4	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	2	2	1	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	2	2	2	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	2	2	2	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	2	1	1	1	1	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
30	4	3	4	4	4	4	5	4	6	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4
MEAN	3	3	2	2	2	3	4	3	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	2	3	4	2
2	4	4	4	3	3	3	2	2	3	3	4	4	5	4	3	2	2	2	2	3	3	3	2	3	3
3	2	2	2	2	3	4	5	4	5	4	***	***	3	6	5	7	5	6	7	4	4	4	5	4	4
4	3	3	3	3	2	4	8	3	1	2	3	3	***	5	7	6	7	5	5	5	4	5	4	4	4
5	3	2	1	1	2	2	2	2	1	1	1	1	2	3	2	3	2	2	2	3	3	3	3	2	2
6	2	2	2	2	2	2	4	4	3	2	3	3	***	4	5	5	4	4	4	5	5	8	8	7	4
7	7	7	6	3	2	3	3	3	4	5	5	4	5	4	3	3	4	4	5	5	5	5	5	5	4
8	4	3	2	3	3	3	2	2	2	3	4	3	3	3	3	3	3	4	4	4	6	6	6	5	3
9	3	2	1	1	2	2	3	2	2	2	2	2	2	2	3	3	4	3	3	4	3	2	2	2	2
10	2	1	1	1	1	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11													- DATA MISSING -												
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13													- DATA MISSING -												
14													- DATA MISSING -												
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17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
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27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	3	3	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
PERCENTAGE OF DATA VALID -	29																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	3	2	2	2	***
23	2	2	2	1	2	1	2	3	4	3	4	4	3	***	3	3	3	3	3	3	3	3	3	3	3
24	3	2	2	2	2	3	3	3	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3
25	3	2	2	2	2	2	2	3	2	2	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4
26	5	5	5	4	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	4	4	3	2	2	2	2	3	4	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6
28	4	3	2	1	2	2	4	4	3	3	3	4	4	4	4	4	5	5	5	4	3	4	4	4	4
29	4	4	3	2	2	3	5	6	4	4	4	4	3	3	4	3	4	4	5	5	4	4	3	3	4
30	3	2	1	1	1	2	3	6	5	4	3	3	3	3	4	4	5	5	6	6	6	6	6	5	4
31	5	3	2	3	3	3	3	3	3	4	4	5	4	***	4	4	5	4	5	7	6	5	5	6	4
MEAN	4	3	2	2	2	2	3	4	3	3	3	4	3	3	4	4	4	4	4	4	5	4	4	4	3
PERCENTAGE OF DATA VALID -	29																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH SEP 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	3	3	3	3	4	4	4	5	5	4	5	4	4	4	4	4	4	5	4	4	4	4
2	3	3	3	3	3	2	2	3	3	3	3	3	4	3	3	3	3	3	3	5	5	6	5	5	4
3	4	4	4	3	3	2	3	3	3	3	3	3	4	4	4	3	3	3	3	5	5	6	5	5	4
4	4	4	4	3	3	3	3	5	7	8	6	4	4	4	4	5	4	4	5	5	6	6	4	5	5
5	4	4	4	4	4	4	4	6	7	8	8	5	5	4	4	5	6	4	4	4	4	4	4	3	5
6	2	1	1	1	2	2	2	3	2	2	2	1	1	1	1	2	2	2	2	2	2	1	2	2	2
7	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2
8	2	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	1	2	2	2	1	1	1	1	2	1	1	2	1	2	1	1	1	1	1	2
10	2	2	2	2	1	2	1	2	3	3	2	2	4	3	3	3	4	5	4	4	3	3	3	2	3
11	2	1	1	1	1	2	4	3	1	1	1	1	2	1	1	2	2	2	2	2	2	2	1	2	2
12	1	1	1	1	0	1	3	3	3	3	2	1	2	1	1	1	1	1	1	2	2	2	1	1	1
13	2	1	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
14	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	3	2	3	2	2	2
15	1	2	2	2	1	0	1	0	2	2	1	2	3	3	3	5	5	4	2	2	1	1	1	1	2
16	1	1	1	1	1	1	1	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	0	2	1	1	2	2	2	2	2	2	3	2	3	3	3	3	3	4	3	3	3	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3
20	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	4	3	2	2	2	2	1	2
21	2	2	1	1	1	2	2	2	3	2	2	1	1	1	1	1	1	1	3	3	2	1	1	0	2
22	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	4	3	3	4	4	3	3	3	2
23	3	2	2	2	2	2	2	2	2	2	2	3	3	4	2	2	2	2	3	3	3	3	2	3	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	3	3	2	1	1	1
25	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	3	3	3	2
26	2	1	1	1	1	1	2	2	1	2	2	2	2	2	3	3	2	3	4	4	3	4	4	3	1
27	2	2	2	2	2	3	3	3	3	4	4	4	4	3	3	3	3	2	3	1	1	1	1	1	3
28	1	1	1	1	1	2	1	2	2	1	2	2	2	2	4	4	4	4	4	4	4	4	4	3	3
29	3	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2
30	2	1	1	2	2	1	1	1	1	1	1	0	0	0	1	1	0	1	2	2	2	3	2	2	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH OCT 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	3	2	3	3	3	2
2	2	2	1	1	1	1	2	2	2	1	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2
3	2	3	3	3	3	2	2	4	3	3	3	4	4	5	5	5	5	4	5	4	4	3	3	3	4
4	3	2	2	1	2	3	4	4	5	7	5	4	3	2	2	2	2	2	1	1	1	1	1	2	3
5	3	3	1	0	0	1	1	2	0	1	1	1	2	1	1	2	3	1	3	2	2	3	2	2	2
6	3	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
7	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	2
9	2	2	2	2	1	2	2	3	2	1	2	1	1	1	1	2	3	3	4	5	5	5	4	3	3
10	4	4	3	3	4	4	4	5	6	4	2	2	2	2	2	2	2	3	3	2	2	3	3	1	3
11	1	1	1	1	2	2	2	2	2	3	2	1	1	1	1	1	2	2	3	3	3	4	3	3	2
12	3	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	4	5	4	3	3	4	3
13	3	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
14	1	1	1	1	1	1	1	1	2	2	0	1	1	1	1	1	1	1	2	2	2	2	2	2	1
15	1	2	2	2	2	2	2	3	3	3	3	1	1	1	1	1	1	1	2	2	3	3	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2
17	2	1	1	1	1	1	2	1	1	1	0	1	2	1	1	1	1	1	2	2	2	2	2	2	1
18	2	2	2	2	1	2	2	3	3	2	1	2	1	2	2	2	2	3	3	3	3	3	3	3	2
19	2	1	2	2	2	2	1	3	2	4	3	1	2	2	2	2	3	3	3	3	3	3	3	3	2
20	2	2	2	2	2	2	2	2	2	2	3	1	2	2	1	2	2	2	3	1	1	2	2	1	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	4	4	3	3	3	2	3	2
22	3	3	3	3	2	2	2	3	6	8	11	2	4	3	3	4	6	5	4	4	4	4	4	4	4
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	4	4	4	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	4	5	5	4	4	4	4
26	4	3	1	1	2	3	3	3	3	2	3	3	3	3	3	4	3	3	3	2	2	1	2	1	2
27	1	1	1	0	0	1	1	1	1	1	1	3	2	2	1	1	1	2	2	1	2	2	1	0	1
28	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1
29	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
30	1	0	0	1	0	0	1	1	2	1	1	1	1	2	2	3	5	3	2	3	2	3	2	2	2
31	1	1	2	1	2	2	2	1	1	1	1	2	2	2	3	2	1	2	2	2	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH NOV 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2
2	2	2	2	2	2	2	3	3	4	3	3	4	3	3	3	4	5	6	3	3	3	3	3	3	3
3	3	3	2	2	1	1	1	2	2	2	2	2	3	3	2	3	2	2	3	3	2	2	2	2	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
5	2	1	1	1	1	1	3	6	4	2	2	2	1	3	2	2	3	4	3	3	2	2	2	2	2
6	1	1	1	1	1	1	2	3	3	1	1	1	2	2	2	2	3	4	2	2	2	2	2	2	2
7	1	1	1	1	1	1	2	4	3	2	2	2	2	3	2	2	5	4	4	3	4	3	4	3	3
8	3	3	3	2	2	2	2	4	3	2	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2
9	2	2	1	1	1	2	2	4	3	3	2	2	2	2	2	3	5	5	3	3	3	3	2	2	2
10	2	2	2	2	2	1	2	3	3	2	2	2	2	3	3	3	3	3	2	3	3	2	2	2	2
11	3	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
13	3	3	3	3	3	3	2	3	5	3	3	3	3	3	3	3	3	4	4	3	3	3	4	3	3
14	2	2	2	2	2	2	2	3	3	2	2	2	3	4	3	4	4	3	3	3	3	3	4	3	3
15	3	3	3	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	3	3	3	3	2	2	3	2	3	6	5	3	3	3	3	3	4	3
17	3	3	2	2	2	1	2	2	2	2	3	3	3	3	2	4	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	1	1	2	1	2	2	2	2	2	3	3	6	7	3	3	2	2	3	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	4	3	3	3	2	3	2	2

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	2	2	1	2	2	2	2	3	3	3	3	2	3	3	3	3	4	4	4	3	3	2	3	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	3	3	3	2	2	3	3	3	3	5	5	4	4	2	2	2	2	2
14	2	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	1	2	1
15	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2
17	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	3	3	3	2	2	1	2
18	1	1	1	1	1	1	1	2	4	5	2	3	3	3	3	3	4	4	3	3	3	4	3	3	3
19	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
20	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
21	1	1	1	1	1	1	1	3	3	3	2	3	2	2	3	3	4	3	2	2	2	2	1	3	2
22	2	2	1	1	1	1	1	2	3	3	3	3	4	3	3	3	3	3	3	2	2	3	3	3	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	1	1	2
25	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	2	2	3	3	2	2	3	3	3	3	3	3	2	2	2	1	1	2
27	1	1	1	1	1	1	1	2	2	3	3	2	2	3	3	3	3	3	3	2	2	2	1	1	2
28																									
29																									
30																									
31																									
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	9	3	5	9
JUN	30	3	7	11
JUL	10	3	4	8
AUG	10	3	5	7
SEP	30	2	5	8
OCT	31	2	4	11
NOV	20	2	3	7
DEC	18	2	3	5
YEAR	158	3	7	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNIT - PARTS PER HUNDREDMILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY	31	110	45	12	0	0	0	198
JUN	124	317	235	31	2	0	0	709
JUL	14	128	68	10	0	0	0	220
AUG	11	108	100	3	0	0	0	222
SEP	266	336	108	5	0	0	0	715
OCT	253	370	70	4	1	0	0	698
NOV	74	353	34	1	0	0	0	462
DEC	95	275	15	0	0	0	0	385
YEAR	868	1997	675	66	3	0	0	3609

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
61	0	0.4	1.2	1.8	2.6	4.0	4.9	6.0	6.8	11	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION									NO 16001		MONTH JAN 73																		
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	5	6	6	6	6	8	7	7	8	9	9	8	9	10	10	10	9	8	7	8	9	8	9	10	8				
2	10	11	12	12	11	12	11	8	8	10	12	12	13	13	13	13	12	11	11	9	6	6	6	4	10				
3	1	1	1	1	2	2	3	2	1	3	5	5	5	6	6	7	4	3	3	2	3	4	4	4	3				
4	3	3	3	4	5	5	6	5	4	4	3	3	3	4	4	3	2	2	3	3	3	3	4	3	4				
5	5	6	7	6	6	6	6	6	6	7	8	8	8	8	7	7	8	10	9	8	8	9	9	9	7				
6	9	9	9	9	11	12	11	11	11	11	11	11	12	12	11	12	12	12	12	12	11	11	11	11	11				
7	12	12	12	13	13	13	12	12	12	13	13	13	13	13	13	12	12	12	11	9	9	9	9	7	12				
8	7	6	7	7	3	3	3	2	5	7	8	9	9	8	7	7	6	5	0	0	0	0	0	0	5				
9	0	4	4	5	6	6	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
10																													
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28																													
29																													
30																													
31																													
MEAN	5	5	5	5	5	5	5	5	5	6	7	7	7	7	7	7	7	6	6	6	5	4	5	5	6				

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

	STATION - SIMCOE HORTICULTURAL STATION								NO 16001								MONTH FEB 73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	4	2	2	0	0	0	0	1	3	5	5	6	7	7	0	0	6	6	7	8	7	6	6	4	
2	6	5	5	5	5	5	4	3	2	3	3	3	3	3	4	0	0	5	4	4	4	3	2	1	4	
3	1	2	2	3	3	3	4	4	4	5	7	9	11	10	10	10	10	10	10	10	8	9	9	8	7	
4	7	6	4	3	2	1	2	4	4	4	4	3	3	4	4	5	3	2	3	2	2	1	2	7	3	
5	9	9	9	9	8	8	7	4	3	5	8	9	9	10	9	9	9	9	9	9	9	8	6	5	8	
6	4	5	5	6	6	6	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
7	0	1	1	2	2	6	8	9	9	8	8	8	8	4	4	4	1	0	1	1	1	0	0	0	0	
8	0	1	1	2	2	6	8	9	9	8	8	8	8	4	4	4	3	3	5	6	5	4	0	0	4	
9	2	5	4	4	4	4	3	3	5	6	6	8	8	9	10	9	9	8	5	2	2	3	3	3	5	
10	3	2	1	2	2	1	2	2	4	5	7	9	9	9	8	7	7	7	7	8	8	8	9	9	6	
11	9	8	6	4	2	2	4	7	9	11	11	11	11	11	11	12	11	11	11	10	10	9	8	7	9	
12	3	4	3	9	11	11	11	10	11	12	11	11	11	11	12	12	11	10	9	9	8	7	7	6	9	
13	6	4	3	3	2	4	4	3	6	8	9	10	10	11	11	11	11	10	9	8	5	3	4	3	7	
14	1	0	3	4	2	4	6	6	7	8	8	6	6	6	6	7	6	4	2	2	2	2	1	0	4	
15	0	0	0	1	4	6	7	7	8	8	9	9	9	7	10	10	9	9	8	8	9	9	9	9	7	
16	10	9	9	9	9	9	9	9	9	10	10	10	11	11	11	11	11	10	10	9	9	9	9	8	10	
17	7	8	8	8	9	9	10	10	10	11	11	11	11	12	12	12	12	10	2	5	4	9	7	2	9	
18	2	7	5	5	2	0	1	3	4	5	8	9	9	11	11	10	11	11	9	9	9	11	9	8	7	
19	8	7	6	5	3	3	3	3	4	4	5	5	6	5	5	6	6	7	9	9	11	12	11	9	6	
20	6	2	1	1	0	0	0	1	3	6	6	6	6	6	7	7	6	6	8	9	9	8	6	6	5	
21	6	6	4	4	4	4	4	4	2	6	0	0	0	0	0	9	7	5	10	11	11	11	11	10	7	
22	9	10	10	11	11	11	11	11	10	10	11	11	12	13	12	14	10	10	10	10	9	7	3	1	10	
23	3	5	6	8	9	6	6	6	6	8	11	14	15	15	13	13	14	11	7	12	14	13	13	11	10	
24	12	12	11	9	5	5	6	7	9	11	11	12	12	13	13	13	12	12	12	11	11	9	9	8	10	
25	8	8	8	8	8	9	9	8	7	8	8	10	13	13	14	14	13	13	13	13	13	13	13	13	11	
26	13	12	9	2	9	11	10	10	11	10	11	10	13	14	13	12	11	7	9	12	12	11	9	1	10	
27	0	0	2	6	11	10	10	11	12	12	14	14	15	16	15	15	14	13	13	12	11	11	8	5	10	
28	3	2	1	1	0	0	0	2	4	6	6	6	14	15	16	17	13	10	9	9	8	9	8	6	7	
MEAN	5	5	5	5	5	5	5	6	6	7	8	9	9	10	10	10	9	8	8	8	8	8	7	6	7	

PERCENTAGE OF DATA VALID - 93

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION								NO 16001				MONTH MAR 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	6	6	6	4	1	0	0	2	4	4	5	8	10	11	13	15	15	12	10	11	11	9	9	6	7		
2	8	6	5	5	3	2	2	1	1	3	4	5	7	6	5	7	7	4	4	1	2	2	1	1	4		
3	1	2	2	2	2	2	2	3	3	4	4	5	5	5	5	5	4	3	3	2	2	2	1	3			
4	2	2	1	1	1	0	1	1	1	2	4	5	6	7	10	14	15	14	12	9	8	6	5	5	6		
5	1	2	3	6	8	8	7	7	7	7	7	7	8	9	8	8	7	7	6	5	5	6	6	7	6		
6	5	5	6	6	5	4	4	3	3	3	5	7	9	10	12	12	12	10	8	8	6	7	7	7	6		
7	7	7	7	7	7	6	6	6	5	5	6	5	6	6	5	4	5	5	5	4	5	6	7	7	6		
8	6	7	7	7	7	6	5	4	2	4	5	7	8	9	9	11	13	14	13	12	10	8	7	7	8		
9	7	7	7	7	5	4	3	3	2	4	5	6	7	8	9	9	9	9	9	9	10	9	9	9	7		
10	9	9	8	9	9	9	9	8	7	6	6	6	5	6	6	6	6	4	1	0	2	3	3	5	6		
11	11	13	13	13	12	11	9	8	6	7	6	5	5	5	5	5	5	4	3	4	6	7	7	9	7		
12	10	11	12	12	12	10	10	8	7	6	6	5	4	5	6	7	7	6	6	8	9	10	10	10	8		
13	11	12	12	12	12	12	12	12	11	13	12	13	12	12	11	11	11	10	10	11	10	10	9	9	11		
14	8	8	7	6	6	6	7	7	6	4	5	3	2	2	2	1	1	0	0	0	0	0	0	0	3		
15	2	6	6	7	7	5	3	2	3	3	5	9	12	16	17	17	15	14	13	11	9	8	8	8	9		
16	8	8	6	6	6	6	3	5	5	6	7	8	9	9	9	11	11	11	6	5	3	5	6	6	7		
17	6	6	8	9	9	9	9	10	10	9	9	9	8	8	7	9	9	11	11	11	11	11	11	11	9		
18	11	11	11	11	11	11	11	12	13	13	13	13	13	13	13	13	13	13	14	13	13	13	13	13	12		
19	13	13	13	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13	3	6	7	6	5	7	11		
20	7	6	7	7	7	8	8	9	10	11	11	11	5	9	10	11	11	11	11	10	10	9	9	8	19		
21	7	7	6	4	6	6	7	7	5	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	7	7	7	7	7	7	6	6	6	6	7	7	8	9	9	10	9	9	7	7	7	7	7	7	7		
PERCENTAGE OF DATA VALID -	65																										

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION									NO 16001			MONTH JUN 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1												-	DATA MISSING	-													
2												-	DATA MISSING	-													
3												-	DATA MISSING	-													
4												-	DATA MISSING	-													
5												-	DATA MISSING	-													
6												-	DATA MISSING	-													
7												-	DATA MISSING	-													
8												-	DATA MISSING	-													
9												-	DATA MISSING	-													
10												-	DATA MISSING	-													
11												-	DATA MISSING	-													
12												-	DATA MISSING	-													
13												-	DATA MISSING	-													
14												-	DATA MISSING	-													
15												-	DATA MISSING	-													
16												-	DATA MISSING	-													
17												-	DATA MISSING	-													
18												-	DATA MISSING	-													
19												-	DATA MISSING	-													
20												-	DATA MISSING	-													
21												-	DATA MISSING	-													
22												-	DATA MISSING	-													
23												-	DATA MISSING	-													
24												-	DATA MISSING	-													
25												-	DATA MISSING	-													
26												-	DATA MISSING	-													
27	25	24	27	24	21	23	26	28	24	27	28	38	37	45	44	39	38	34	33	28	25	27	32	21	33		
28	10	23	28	25	20	16	12	8	17	25	28	30	38	56	52	33	33	35	38	38	31	18	10	12	28		
29	23	21	17	23	10	14	28	42	48	44	48	61	62	62	52	44	40	38	39	37	40	36	29	22	37		
30																											
MEAN	19	23	24	24	17	18	22	26	36	29	34	42	43	46	46	42	40	38	39	36	28	26	23	18	31		
PERCENTAGE OF DATA VALID -																								11			

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	20	13	18	22	23	28	29	29	32	35	28	18	11	9	9	10	10	9	8	7	7	5	17
2	4	3	2	2	1	1	3	6	8	9	3	7	7	7	8	9	10	11	10	9	8	7	6	6	6
3	5	4	3	2	2	1	1	1	1	2	3	4	2	3	4	6	9	11	10	6	4	3	3	2	4
4	1	1	1	1	0	0	0	1	1	2	3	4	1	1	2	1	2	2	2	3	2	1	1	1	1
5	0	0	0	0	0	0	0	0	2	2	2	3	3	3	3	3	4	4	3	3	3	2	0	0	2
6	0	0	0	0	1	4	7	25	31	33	31	26	25	18	11	2	0	0	0	0	1	1	2	3	11
7	3	3	5	6	9	7	6	27	31	9	8	7	6	5	2	0	0	0	0	0	1	2	3	1	1
8	2	2	3	3	3	3	3	3	3	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	4
9	2	2	2	2	2	2	2	2	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	1	2	2	2	2	3	3	2	2	2	2	1	0	0	0	0	0	0	0	0	0	1
11	0	1	1	1	2	2	1	1	***	***	2	1	2	1	1	1	1	1	0	0	1	1	2	3	1
12	5	6	6	7	6	8	12	18	23	27	28	26	26	26	31	29	30	27	25	18	19	13	24	25	19
13	27	28	30	37	35	33	32	31	33	33	36	45	49	58	63	35	15	7	3	3	3	3	3	4	27
14	5	9	12	12	11	9	9	7	7	7	7	7	7	5	2	1	0	0	0	0	0	0	0	0	5
15	0	0	0	0	2	4	5	5	4	4	4	3	3	2	0	0	0	0	0	0	0	0	0	0	2
16	0	1	1	2	3	4	5	6	6	8	9	11	11	8	2	0	0	0	0	0	0	0	0	0	3
17	0	1	1	1	1	2	4	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18									- DATA MISSING -																
19									- DATA MISSING -																
20									- DATA MISSING -																
21									- DATA MISSING -																
22									- DATA MISSING -																
23									- DATA MISSING -																
24									- DATA MISSING -																
25	46	34	30	31	***	***	14	24	***	26	34	49	101	99	97	94	98	94	94	87	78	72	65	52	***
26	44	37	37	28	***	***	24	34	42	39	51	64	63	69	60	60	62	75	69	62	53	56	47	39	48
27	37	42	40	26	24	29	27	25	33	35	39	41	***	46	67	75	71	59	54	51	46	47	42	40	48
28	46	47	41	39	38	35	34	34	36	42	47	54	57	55	58	58	63	67	66	65	56	53	50	47	45
29	13	11	11	9	8	8	9	12	16	19	23	26	31	32	35	40	41	41	37	33	30	24	18	16	40
30	32	28	28	15	19	24	18	19	31	32	50	57	55	61	67	72	71	65	63	58	49	33	26	25	25
31	43	43	40	32	30	32	29	28	28	28	***	***	36	42	45	48	52	49	42	30	31	34	36	35	37
MEAN	14	13	13	11	10	11	12	14	17	18	19	22	25	26	26	25	25	24	22	20	18	17	16	15	18

PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH AUG 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	47	40	35	31	29	30	31	34	36	37	44	48	51	53	56	61	57	47	41	38	33	23	22	***	40
2	**	11	9	19	23	26	28	23	38	46	45	46	48	49	50	47	48	57	71	51	35	25	21	16	36
3	11	9	9	5	8	8	8	9	17	23	28	36	36	35	***	29	31	33	33	28	23	18	13	11	20
4	10	7	5	5	5	5	5	7	16	22	25	27	28	30	31	32	36	36	48	47	40	35	31	27	23
5	28	28	33	26	30	28	21	30	38	48	54	66	64	60	60	58	57	56	46	37	36	35	36	43	
6	36	39	38	34	35	32	26	29	35	42	52	57	61	66	74	77	73	74	71	53	34	27	42	39	48
7	35	45	48	47	35	22	12	19	30	40	46	55	56	60	56	54	49	52	50	42	33	31	29	32	41
8	36	32	34	32	28	23	17	22	27	**	75	96	93	97	86	82	67	56	53	43	35	54	58	57	52
9	53	49	48	46	47	45	40	41	45	49	55	59	63	65	68	63	65	76	74	47	40	34	30	37	52
10	38	34	23	18	15	14	14	17	23	25	34	40	59	67	66	88	76	67	67	59	38	22	***	36	41
11	35	35	32	29	23	18	19	28	40	55	64	64	69	67	66	67	63	59	63	63	59	38	34	37	47
12	41	36	31	26	22	19	19	25	31	34	38	41	42	43	43	43	41	39	35	30	26	24	17	***	32
13	**	15	14	11	11	11	16	28	35	37	***	***	***	38	36	39	35	35	29	21	18	19	20	22	25
14	20	11	13	20	17	19	21	28	36	46	58	62	59	58	63	76	57	51	41	28	45	71	62	34	42
15	26	27	30	28	26	24	21	28	40	58	61	72	76	78	87	95	83	63	67	61	42	44	32	50	39
16	28	21	20	19	15	11	6	13	34	50	57	68	55	56	61	78	84	91	56	31	25	24	22	18	39
17	13	10	8	5	3	2	8	13	15	33	***	53	59	52	57	59	63	63	65	58	48	41	38	30	35
18	21	29	26	19	18	13	9	16	24	41	54	63	75	70	67	68	76	65	57	50	44	31	28	43	42
19	38	35	29	27	22	18	18	29	41	50	60	66	72	69	72	69	69	65	54	41	32	24	13	17	43
20	16	16	29	34	27	19	***	27	46	48	48	44	47	45	41	37	35	34	34	28	25	23	21	21	32
21	19	14	14	14	13	12	13	14	17	20	18	18	19	22	25	25	24	24	23	19	18	18	15	15	18
22	14	13	10	12	10	8	7	14	23	28	32	37	44	43	40	41	38	37	31	19	35	29	22	11	25
23	16	8	4	7	6	4	4	7	27	36	43	50	52	51	43	38	39	42	35	26	13	14	12	14	24
24	13	15	9	10	11	10	13	26	37	46	***	60	64	68	70	71	65	54	34	37	33	29	42	37	37
25	22	15	20	29	18	13	13	15	23	51	68	75	82	88	98	110	103	113	110	93	85	78	65	73	61
26	84	92	84	76	58	37	24	***	***	52	72	80	87	90	85	87	83	76	72	55	63	53	55	63	69
27	69	61	53	53	50	49	47	46	46	41	53	61	72	72	72	108	121	108	88	70	75	70	69	68	
28	64	52	46	52	64	71	71	71	69	69	69	70	67	60	56	53	51	53	53	52	34	***	25	64	58
29	53	58	64	57	50	43	48	57	71	***	***	81	75	76	81	91	97	100	102	99	81	78	73	71	73
30	81	82	79	71	67	64	62	60	64	72	78	85	86	81	81	85	78	70	66	44	56	62	58	49	70
31	66	58	54	***	36	37	29	***	***	41	49	63	77	97	94	87	82	80	70	52	61	75	55	56	63
MEAN	35	32	31	29	27	24	22	27	35	42	51	57	61	61	63	64	63	62	57	47	41	38	36	37	43

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

HOUR DAY	STATION - SIMCOE HORTICULTURAL STATION								MONTH SEP 73																MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	49	64	54	45	47	46	40	43	44	70	96	97	97	91	78	71	69	67	57	47	67	59	82	64	68
2	55	46	46	50	47	46	40	43	42	56	68	73	70	77	65	64	62	75	73	72	72	77	77	72	61
3	72	59	56	53	53	50	49	49	49	60	68	63	64	62	62	65	78	81	74	69	75	79	79	54	63
4	46	39	42	44	23	27	27	27	39	59	76	80	76	84	92	91	88	89	75	54	37	49	43	56	60
5	60	68	70	57	36	19	9	14	28	57	73	83	82	83	80	81	81	83	77	70	66	72	64	44	61
6	37	37	35	35	34	23	21	29	35	40	49	52	45	40	40	44	41	36	33	29	28	23	23	21	35
7	17	17	17	17	6	13	19	24	29	29	33	34	35	33	32	32	32	32	30	25	9	9	10	25	25
8	10	8	5	7	12	8	12	21	29	33	35	36	39	42	43	41	38	37	37	33	26	26	25	24	26
9	25	23	21	21	12	12	12	21	29	25	28	32	34	36	37	36	34	33	28	28	29	21	14	28	28
10	11	11	11	9	9	9	9	9	16	26	33	41	48	48	54	44	43	46	49	56	73	77	73	68	43
11	58	65	66	67	65	59	52	50	47	45	42	39	36	34	33	28	27	28	28	25	24	21	21	21	41
12	22	20	18	18	15	15	17	25	25	29	31	31	31	32	32	33	29	28	25	19	14	15	15	24	24
13	4	10	15	9	12	12	14	16	16	18	18	18	18	48	51	45	41	41	32	26	25	22	19	17	24
14	15	11	12	11	11	13	12	21	21	23	28	34	43	48	56	60	64	62	53	44	31	18	13	13	32
15	18	16	16	15	13	12	12	22	34	47	53	55	60	57	55	66	73	72	40	30	25	23	19	46	46
16	2	2	2	2	8	8	8	12	18	21	21	22	23	25	26	25	22	20	14	8	8	6	4	15	15
17	7	4	4	4	11	18	20	22	28	34	36	36	36	37	35	32	32	27	25	22	19	16	17	14	24
18	12	2	0	1	12	4	6	7	8	29	49	62	62	53	53	52	52	51	44	37	31	33	36	38	31
19	40	37	35	40	31	21	15	19	23	29	29	30	32	32	32	30	27	24	20	13	10	8	8	25	25
20	9	9	5	4	6	7	8	11	11	17	17	17	31	30	31	31	27	30	31	28	24	19	12	5	18
21	3	4	3	3	6	11	14	19	25	29	40	54	57	59	57	53	46	41	24	17	22	24	25	23	27
22	19	9	9	9	13	17	22	30	34	36	35	34	34	33	26	25	22	19	19	19	6	3	3	23	23
23	0	1	1	1	3	3	4	10	16	19	25	33	33	33	34	35	29	24	24	21	17	13	9	17	17
24	9	9	11	12	10	9	11	14	17	23	35	30	28	64	66	62	58	48	36	34	31	24	23	23	29
25	24	23	16	18	16	16	16	24	27	42	48	51	61	69	68	59	42	36	39	37	31	26	37	37	37
26	34	28	23	22	18	14	10	14	22	33	41	48	57	60	59	63	58	57	59	55	42	32	27	25	38
27	23	20	19	16	15	14	16	18	23	23	25	32	32	29	26	22	20	16	10	10	11	12	20	20	20
28	9	9	9	9	5	4	2	19	20	23	29	34	38	42	46	40	33	24	19	21	21	20	18	21	21
29	15	11	6	14	11	4	8	21	33	36	36	37	41	43	44	46	41	34	29	27	28	29	23	17	26
30	26	24	24	24	20	18	17	20	26	33	40	44	47	48	48	47	45	45	39	35	33	32	29	27	34

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION																									NO 16001																MONTH OCT 73															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																															
1	12	10	11	15	15	17	17	18	22	28	39	42	44	44	46	47	44	45	44	38	32	38	36	33	31																															
2	29	27	26	23	23	23	21	19	20	20	20	17	13	15	20	29	20	13	7	20	19	19	14	28	20																															
3	31	32	27	26	22	19	11	10	14	28	51	56	56	56	53	57	58	50	43	49	35	43	41	34	38																															
4	23	20	15	12	8	8	8	8	20	35	48	59	58	54	42	27	42	40	28	31	29	26	25	22	32																															
5	26	28	26	25	27	31	29	27	29	26	26	26	29	30	29	26	24	22	18	21	22	14	4	8	24																															
6	12	16	12	21	23	15	18	16	20	28	36	42	44	47	46	44	34	20	34	25	18	20	16	11	26																															
7	12	11	12	9	10	9	8	8	8	11	18	22	27	32	31	27	26	26	23	22	22	20	12	10	17																															
8	15	19	19	18	17	15	14	13	16	17	21	23	28	32	27	25	23	24	19	13	15	14	15	15	19																															
9	15	12	10	7	4	0	1	5	10	15	22	33	47	53	55	53	45	46	44	43	41	27	33	43	28																															
10	33	22	15	9	5	3	1	2	10	25	25	47	47	47	55	47	43	26	45	41	37	33	25	20	26																															
11	15	10	6	6	6	8	10	11	14	22	28	39	40	46	46	45	42	36	35	24	15	20	19	19	23																															
12	16	12	14	14	8	12	6	8	16	19	22	25	25	39	56	65	66	50	47	45	46	53	47	44	32																															
13	41	37	34	31	29	29	29	32	30	37	42	44	49	58	55	39	38	35	36	34	30	29	31	40	37																															
14	38	36	35	35	35	36	36	36	37	39	40	42	44	43	43	40	41	37	40	42	41	36	37	31	38																															
15	26	25	24	21	16	12	9	8	13	23	32	35	40	40	38	32	32	29	27	12	9	11	27	26	24																															
16	26	24	24	24	30	30	31	30	28	28	28	28	28	19	20	18	17	15	14	18	19	18	18	18	22																															
17	19	19	19	18	16	11	11	16	17	18	18	19	20	21	21	23	22	18	18	20	11	3	9	12	17																															
18	10	13	14	11	5	10	19	13	10	14	17	18	24	27	26	23	22	20	19	15	16	11	6	16	16																															
19	14	14	11	6	14	9	8	2	15	26	26	25	27	29	29	31	28	27	14	6	8	16	19	19	17																															
20	16	23	15	10	11	13	18	30	28	26	24	24	24	23	24	24	23	23	22	21	24	25	24	24	22																															
21	20	16	13	16	16	15	16	19	23	25	27	30	31	30	29	25	21	15	7	23	11	17	12	17	20																															
22	13	16	15	12	6	5	8	7	12	23	29	35	37	35	32	25	14	14	14	14	6	11	16	18	18																															
23	6	13	25	18	13	24	28	24	17	20	23	40	56	54	55	56	50	31	29	23	40	19	23	22	30																															
24	17	8	9	13	9	7	7	8	10	19	24	30	42	56	65	55	23	15	22	41	43	45	52	27	27																															
25	58	54	41	31	31	34	29	27	29	31	34	38	41	46	43	37	33	33	35	37	36	30	30	31	36																															
26	24	19	15	11	12	12	4	8	10	15	17	17	17	21	26	26	24	21	15	14	11	9	9	15	15																															
27	7	7	7	6	6	6	6	6	7	10	12	13	14	11	15	18	16	19	18	17	19	21	21	19	13																															
28	19	21	17	19	22	21	18	19	18	18	17	17	17	15	13	12	8	7	7	8	9	8	6	14	14																															
29	5	5	4	5	8	10	11	11	11	11	13	16	19	19	22	26	24	24	23	22	23	22	23	22	16																															
30	24	23	24	24	23	23	23	23	23	23	23	23	22	22	21	20	17	11	11	7	6	2	2	19	19																															
31	2	5	3	3	5	9	6	2	4	9	13	11	11	12	11	15	16	22	15	14	18	19	15	9	10																															
MEAN	20	19	17	16	15	16	15	15	17	22	26	30	34	35	34	34	31	27	25	24	23	22	22	22	23																															

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - OZONE-CHEMILUMINESCENCE										UNITS - PARTS PER BILLION															
		STATION - SIMCOE HORTICULTURAL STATION										NO 16001															
												MONTH NOV 73															
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		15	18	22	26	16	15	19	24	23	24	23	23	***	***	***	31	28	23	22	20	16	13	15	18	21	
2		15	13	7	8	10	6	5	2	***	5	15	11	16	18	20	***	19	17	15	15	19	20	15	12	13	
3		10	13	15	14	13	13	14	17	23	23	24	26	30	31	34	35	36	34	31	27	21	24	26	27	23	
4		27	27	26	26	24	23	24	25	25	25	29	32	32	35	35	35	35	32	29	28	21	22	12	20	27	
5		23	23	24	24	21	18	14	15	16	21	28	30	31	36	36	36	36	35	36	35	35	34	35	39	28	
6		38	36	34	34	34	35	36	38	40	40	41	41	42	42	41	40	39	39	38	37	36	35	35	34	38	
7		34	37	38	36	33	27	27	28	30	31	35	36	41	39	36	29	19	8	8	***	***	7	11	11	27	
8		9	6	5	11	17	15	14	11	11	14	17	18	16	29	33	31	29	24	22	22	20	22	23	23	18	
9		24	30	30	27	27	28	28	26	25	32	34	33	***	32	31	30	28	25	26	28	28	28	28	30	29	
10		31	28	24	21	21	21	21	25	30	30	32	33	33	32	30	30	28	26	24	24	24	24	24	25	27	
11		- DATA MISSING -																									
12		- DATA MISSING -																									
13		***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	17	19	25	25	24	29	33	32	***	
14		31	29	27	26	23	18	17	18	16	17	20	27	30	30	29	29	27	***	***	***	***	***	***	***	24	
15		- DATA MISSING -																									
16		- DATA MISSING -																									
17		- DATA MISSING -																									
18		- DATA MISSING -																									
19		- DATA MISSING -																									
20		***	***	***	***	***	***	***	***	***	***	***	***	***	25	21	19	21	***	***	***	***	***	***	***	***	
21		- DATA MISSING -																									
22		- DATA MISSING -																									
23		***	***	***	***	***	***	***	***	***	***	***	14	15	21	25	21	12	16	13	13	11	9	2	1	***	
24		1	1	1	2	2	3	7	11	13	11	10	8	8	7	5	6	3	9	12	13	18	22	28	28	10	
25		29	22	19	17	16	18	21	23	23	23	20	16	21	24	24	27	25	18	10	10	12	14	11	10	19	
26		14	23	26	26	26	24	23	22	19	19	17	16	14	13	13	13	13	10	12	16	15	11	5	3	16	
27		5	4	3	2	1	1	1	1	1	1	***	2	2	3	3	1	0	0	0	1	0	0	0	0	1	
28		0	0	0	0	0	0	1	1	1	1	2	3	1	1	11	8	7	9	14	24	26	30	32	32	9	
29		34	34	34	32	32	32	31	29	27	26	26	26	28	27	27	29	29	28	28	22	18	22	26	24	28	
30		25	23	23	22	21	20	19	18	17	18	20	19	20	19	***	***	28	28	27	26	25	24	25	28	23	
MEAN		20	20	20	20	19	18	18	19	20	20	23	22	22	24	25	25	23	21	21	21	21	21	20	21	21	
PERCENTAGE OF DATA VALID -		60																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE										UNITS - PARTS PER BILLION																
STATION - SIMCOE HORTICULTURAL STATION										NO 16001																
										MONTH DEC 73																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	24	24	26	28	28	26	26	23	22	28	28	28	29	29	28	26	22	16	16	16	17	17	15	10	23	
2	10	13	16	14	15	****	****	****	****	****	****	****	****	****	23	20	11	7	7	12	13	2	2	1	****	
3	6	16	21	18	29	42	42	32	34	37	41	42	48	48	47	45	44	43	39	35	34	29	28	28	35	
4	25	23	21	21	17	****	11	11	9	10	****	7	7	9	****	****	****	****	****	****	****	****	****	****	****	
5	****	7	14	16	12	8	9	11	13	19	22	21	22	19	14	15	11	8	8	9	13	15	20	18	14	
6	20	23	23	22	25	22	21	20	19	19	21	22	24	22	19	17	16	14	13	12	11	9	8	****	18	
7	27	28	28	28	32	31	34	34	34	34	32	****	34	35	35	33	28	25	6	11	14	13	11	17	26	
8	24	25	25	23	24	****	23	22	25	27	30	****	19	24	22	18	6	****	****	****	****	****	****	****	****	
9	- DATA MISSING -																									
10	- DATA MISSING -																									
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	19	22	23	****
12	21	20	17	15	****	15	14	15	****	****	****	13	12	13	13	8	9	5	1	3	6	3	2	2	10	
13	1	1	1	1	1	1	2	2	5	9	10	3	2	2	0	1	0	0	0	0	0	0	0	6	2	
14	7	7	9	13	17	20	21	23	24	24	23	24	25	25	24	23	21	19	17	18	21	19	19	22	19	
15	25	26	26	28	30	32	32	32	31	30	28	****	25	24	23	25	31	34	36	34	31	32	34	36	30	
16	38	38	37	38	39	40	40	40	41	40	40	40	42	42	41	37	28	24	34	40	38	37	34	34	38	
17	35	40	39	38	39	42	42	38	37	38	39	43	45	46	45	45	44	45	47	46	46	45	45	44	42	
18	43	46	46	46	47	47	46	46	43	40	****	40	39	34	30	27	****	30	31	27	23	22	12	17	36	
19	16	23	26	19	13	3	2	3	6	****	20	26	30	36	37	30	30	32	29	22	17	15	12	21	5	
20	10	7	5	3	1	1	1	2	4	7	8	0	1	1	2	2	1	6	9	8	7	8	1			
21	16	18	22	26	29	27	28	29	29	30	32	35	37	37	35	35	35	35	35	35	32	31	34	35	31	
22	31	28	25	14	16	4	9	23	31	31	30	29	30	33	35	36	32	26	25	21	25	26	24	26	25	
23	29	24	19	16	14	13	12	12	13	14	15	18	21	22	24	29	31	29	26	27	27	29	30	27	22	
24	24	18	19	22	24	12	2	4	15	29	32	36	37	39	42	41	36	32	28	24	21	18	15	16	24	
25	16	13	11	10	10	12	19	20	19	20	18	17	19	22	27	27	28	28	28	25	24	25	25	20	20	
26	25	26	26	26	23	22	14	9	15	17	22	29	30	31	30	28	26	25	25	26	26	25	27	27	24	
27	27	25	****	****	****	****	****	****	****	****	****	9	9	6	****	****	****	****	****	****	****	****	****	****	****	
28	****	****	****	****	****	****	34	34	35	36	36	35	34	33	34	29	30	****	16	17	16	11	7	8	26	
29	9	6	9	12	12	10	11	11	13	13	14	13	13	13	9	3	6	9	13	18	32	31	30	25	14	
30	24	23	21	19	18	22	26	26	25	21	24	26	31	32	32	33	32	22	24	24	21	19	19	17	24	
31	16	18	17	17	19	19	15	11	6	12	16	16	12	15	16	19	15	5	0	0	1	0	0	0	11	
MEAN	21	21	21	21	21	20	21	21	22	24	25	24	25	26	26	25	23	22	21	21	21	19	19	20	22	
PERCENTAGE OF DATA VALID -					81																					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	6	12	13
FEB	28	7	11	17
MAR	21	7	12	17
APR	DATA MISSING			
MAY	DATA MISSING			
JUN	4	31	37	62
JUL	25	18	48	101
AUG	31	43	73	121
SEP	30	34	68	97
OCT	31	23	38	66
NOV	21	21	38	42
DEC	29	22	42	48
YEAR	246	21	73	121

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN	510	78	0	0	0	0	0	588
FEB	495	136	0	0	0	0	0	631
MAR	374	111	0	0	0	0	0	485
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	4	10	29	34	6	0	0	83
JUL	328	35	50	91	51	8	0	561
AUG	39	95	112	206	219	52	0	723
SEP	76	117	137	177	122	17	0	646
OCT	111	235	193	152	30	0	0	721
NOV	78	110	166	85	0	0	0	439
DEC	114	152	193	149	0	0	0	608
YEAR	2127	1079	880	894	428	77	0	5485

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
75	0	1.9	7.6	14.2	26.9	47.9	62.4	75.1	83.6	121	21.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUN 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING	-												
2													- DATA MISSING	-												
3													- DATA MISSING	-												
4													- DATA MISSING	-												
5													- DATA MISSING	-												
6																										
7																15	19	17	15	8	9	11	8	****	7	****
8	16	16	14	13	14	7	2	4	10	12	22	35	41	38	42	40	41	29	23	21	20	28	21	14	22	
9	17	24	37	40	29	17	9	10	14	24	39	45	56	54	52	60	64	60	66	58	59	56	62	41		
10	65	51	47	45	34	32	30	35	49	52	52	50	46	46	44	43	41	41	39	31	21	12	8	16	39	
	17	17	19	17	8	12	18	25	23	22	27	40	47	54	56	61	89	86	64	48	45	50	36	29	38	
11	51	36	26	14	30	20	12	9	13	41	61	70	72	53	55	56	66	72	68	59	47	29	27	19	41	
12	34	37	51	44	40	26	24	23	34	17	27	26	38	27	40	38	36	35	26	19	25	12	9	9	29	
13	24	34	34	37	32	21	13	14	20	31	31	36	37	34	31	30	29	27	23	20	12	6	8	16	25	
14	21	28	32	36	30	22	14	18	27	31	33	34	36	36	32	27	26	27	21	13	7	5	5	6	24	
15	11	19	27	23	9	8	7	10	17	21	22	24	27	28	26	25	25	22	22	17	11	16	12	7	18	
16	15	16	15	17	13	7	7	8	8	8	8	12	26	43	44	32	19	13	13	16	15	13	14	20	17	
17	20	23	30	27	22	25	26	27	29	32	35	36	37	37	34	30	29	29	25	22	22	21	21	27	28	
18	36	37	37	38	20	9	9	9	10	8	10	16	20	26	33	35	37	40	38	35	36	31	23	23	26	
19	35	43	44	43	37	38	24	17	20	25	30	34	39	43	55	37	37	42	42	41	47	51	42	38	38	
20	38	27	20	28																						
21																										
22																										
23	7	7	2	8	2			2	13	34	62	86	71	63	46	50	48	42	42	32	5		5	10	30	
24	4	8	9	9	2	17	13	12	14	29	42	53	85	86	74	65	58	52	34	4					32	
25																										
26																										
27	3	8	8	9	2	0	0	3	23	29	26	28														
28	35	45	48	34	25	23	15	15	25	39	51	55	60	77	64	62	84	94	83	73	44	33	5	27	47	
29	40	55	55	48	42	21	15	13	29	31	29															
30	45	62	43	61	44	34	29	18	28	31	31	37	51	51	64	39	14	23	24	19	26	25	23	17	35	
31	43	62	59	57	40	33	21	18	31	41	35	43	52													
32	50	59	42	38	20	7	12	32	53	75	78	86	90	91	86	76	74	79	76	69	57	56	51	69	59	
MEAN	29	32	32	31	24	20	16	16	24	31	35	42	49	49	49	45	44	43	40	35	32	30	23	24	33	

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUL 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	79	77	78	76	60	46	36	41	59	65	85	91	88	87	86	89	84	88	92	76	57	62	46	48	71
2	55	44	32	32	17	3	10	27	52	59	70	75	111	120	129	140	131	126	100	83	74	63	57	85	71
3	86	98	102	94	69	32	10	31	58	65	85	91	112	153	158	164	152	161	109	76	50	42	39	39	87
4	26	29	30	29	16	12	16	39	54	61	77	101	118	131	129	95	60	68	56	34	13	16	11	14	51
5	34	52	68	73	63	43	34	43	54	61	63	65	64	64	57	48	47	56	55	53	32	12	8	14	48
6	42	37	40	40	21	21	28	29	40	57	70	79	96	99	93	86	95	117	103	98	78	62	57	39	64
7	34	52	87	89	71	59	60	75	85	95	118	135	140	121	118	119	125	138	123	110	97	84	86	85	96
8	107	103	119	112	104	102	95	94	102	111	126	129	130	130	125	120	116	111	103	68	99	88	70	79	106
9	91	98	92	87	74	58	41	42	50	59	62	68	72	77	69	66	63	64	54	31	21	29	18	25	59
10	44	58	51	60	55	34	11	10	10	11	30	69	90	89	98	93	67	59	57	56	58	63	59	53	54
11	64	69	69	62	48	37	34	42	56	57	54	56	56	53	58	58	56	55	50	44	28	14	15	11	48
12	38	45	51	60	54	40	23	37	58	61	66	63	59	55	49	53	58	60	47	40	39	29	13	32	47
13	63	72	74	69	60	54	33	30	35	61	69	83	78	91	97	106	122	131	124	94	105	101	108	107	82
14	89	66	63	73	58	44	36	43	57	61	61	62	63	68	64	62	64	62	52	35	16	8	8	25	52
15	35	42	40	36	20	11	35	55	62	64	72	78	97	99	84	76	72	62	55	45	28	35	22	31	52
16	46	41	51	55	49	46	26	18	13	65	63	57	56	56	55	45	47	44	38	14	6	6	10	5	38
17	26	33	39	45	19	19	15	16	46	59	66	72	79	79	76	70	63	64	44	41	16	13	13	12	43
18	73	49	36	34	19	19	37	55	44	73	107	109	124	129	146	135	113	147	133	116	80	70	31	61	81
19	69	67	84	89	73	39	50	66	97	112	105	100	99	93	90	82	80	72	74	60	59	58	49	56	76
20	68	74	83	88	79	75	61	55	58	64	70	69	68	61	59	61	56	47	53	44	17	5	5	25	56
21	33	34	36	45	33	38	34	27	61	71	72	76	78	78	74	71	68	66	61	43	11	5	5	47	51
22	21	41	64	66	49	30	14	34	63	74	77	76	86	90	93	83	72	77	70	66	57	62	41	29	60
23	20	34	45	48	39	32	26	53	70	81	96	110	120	119	128	99	76	75	63	66	68	65	63	63	68
24	71	72	72	77	68	56	31	34	67	70	66	74	94	93	86	84	79	84	84	77	54	23	21	49	64
25	55	56	59	69	57	52	25	28	37	44	52	94													
26	74	75	74	72	56	40	23	20	43	53	56	61	63	76	84	75	63	76	74	45	69	65	64	71	61
27	71	72	65	58	52	31	46	44	59	69	78	59	45	61	59	71	75	59	41	43	33	20	13	34	52
28	49	41	41	48	34	16	11	22	32	44	53	60	71	70	76	82	73	61	58	27	10	2	1	10	41
29	14	15	13	12	4	3	3	4	24	42	73	88	90	88	83	84	94	101	89	83	79	59	65	70	53
30	69	58	55	61	46	7	2	16	52	42	55	55	43	49	79	74	76	90	88	60	80	82	44	24	54
MEAN	55	57	60	62	48	36	30	37	54	64	73	80	86	89	90	86	81	84	74	61	51	45	38	43	62

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - OZONE-CHEMILUMINESCENCE										UNITS - PARTS PER BILLION														
		STATION - 67 COLLEGE ST TORONTO OAMST										MONTH AUG 73														
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		62	104	113	110	102	76	31	11	31	61	67	72	85	90	89	85	91	87	71	85	62	84	86	46	75
2		44	20	17	26	35	31	10	5	22	66	72	104	128	134	120	110	105	86	76	55	8	1	4	12	54
3		15	52	54	61	53	25	8	14	25	42	61	65	49	62	73	74	74	71	67	69	14	23	9	5	44
4		17	22	25	31	22	12	21	29	44	60	76	78	56	48	45	44	39	39	36	12	5	4	4	14	33
5		17	18	19	24	16	6	13	35	43	75	111	129	130	122	121	132	133	130	110	92	77	48	53	30	70
6		47	68	98	100	90	82	83	87	77	93	104	114	132	132	133	127	124	125	128	99	65	76	45	68	96
7		85	56	55	64	64	39	17	41	63	61	101	101	129	122	122	122	96	92	89	75	73	35	50	60	67
8		33	48	68	69	61	51	29	39	37	71	94	119	126	118	111	130	126	117	94	86	88	70	52	72	80
9		90	88	74	75	57	34	15	33	30	64	84	99	108	100	93	85	74	60	51	41	81	44	24	19	65
10		41	50	56	48	37	24	7	12	22	29	55	65	88	98	95	98	94	69	54	58	26	7	5	5	48
11		13	17	16	15	10	9	19	23	50	75	90	103	94	87	90	92	91	89	75	65	65	63	42	25	55
12		35	20	29	52	52	44	40	42	48	55	56	55	60	61	63	67	58	55	40	25	11	15	8	16	42
13		26	43	43	50	42	27	12	13	28	49	46	76	85	60	57	63	68	82	72	58	51	27	9	8	46
14		22	27	17	17	12	7	8	10	30	79	102	89	83	85	79	84	84	88	70	32	7	23	30	47	
15		36	48	48	47	40	28	10	8	19	42	64	64	53	64	72	74	71	59	70	54	10	5	5	3	41
16		10	15	12	11	5	4	6	8	54	71	74	57	46	38	31	26	25	29	14	8	6	2	6	0	23
17		5	8	8	8	4	1	1	2	26	48	60	67	75	85	83	80	72	84	75	47	19	9	29	30	39
18		31	31	41	60	51	46	52	60	82	85	91	94	101	95	91	91	90	86	45	58	72	71	18	8	65
19		9	54	91	72	78	65	61	51	63	68	81	89	91	90	91	91	87	87	88	66	66	65	42	34	70
20		75	64	43	35	26	22	26	38	48	54	66	75	118	98	91	82	66	63	63	41	7	9	15	11	52
21		23	32	41	47	36	22	7	11	10	16	15	15	15	16	25	16	14	13	14	15	15	16	16	14	19
22		26	23	28	29	18	7	7	13	26	32	34	40	43	46	45	43	37	38	27	12	7	9	7	7	25
23		16	18	21	18	10	7	6	6	8	14	25	14	28	39	42	27	18	23	19	10	6	6	6	7	16
24		27	55	58	56	49	30	18	12	16	58	73	80	74	78	78	74	80	81	77	74	53	53	55	64	57
25		69	18	16	16	12	19	22	20	51	74	78	108	116	106	117	120	111	117	112	113	107	45	54	62	70
26		38	45	63	89	94	90	81	103	110	113	114	122	130	130	135	131	134	112	58	74	46	62	26	13	88
27		26	35	63	77	78	66	26	10	28	27	30	47	91	86	99	104	105	95	88	91	19	15	22	80	59
28		95	83	96	114	101	85	61	47	58	79	83	94	96	97	94	85	76	75	62	52	33	49	37	19	74
29		16	54	46	58	51	52	29	40	60	80	102	101	102	99	97	90	91	83	69	47	34	73	79	108	69
30		111	106	102	99	83	50	13	18	53	105	110	113	113	112	123	109	106	96	74	45	25	23	56	22	78
31		32	63	95	80	39	47	30	25	36	47	49	68	98	108	98	82	73	97	85	51	47	31	17	27	59
MEAN		38	45	50	53	46	36	25	28	42	59	72	81	89	86	86	84	81	78	67	56	40	34	29	30	56

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - OZONE-CHEMILUMINESCENCE										UNITS - PARTS PER BILLION														
		STATION - 67 COLLEGE ST TORONTO OAMST										MONTH SEP 73														
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		26	40	55	66	47	47	50	50	79	87	82	101	110	115	102	104	97	95	84	65	62	46	20	26	69
2		25	20	19	22	16	22	32	23	48	74	94	107	123	116	115	110	97	97	89	48	7	3	1	1	55
3		12	22	35	61	72	52	15	30	49	49	75	82	91	116	90	85	90	104	78	47	39	35	40	44	59
4		49	46	28	18	8	5	4	5	13	76	94	112	116	113	107	89	94	95	90	59	40	55	79	61	
5		95	42	50	76	68	67	15	12	25	48	63	92	96	103	85	71	56	51	64	31	37	53	33	44	57
6		72	77	74	65	43	8	4	9	31	39	36	37	27	29	26	31	25	23	15	12	11	13	13	31	
7		15	15	1	12	9	8	2	4	15	21	29	27	26	31	31	33	34	33	18	3	1	1	1	3	16
8		15	31	41	42	31	20	10	10	15	22	27	36	38	41	43	38	36	27	17	15	11	12	7	4	25
9		10	13	13	19	20	10	6	9	20	32	36	40	40	43	44	38	32	31	26	13	11	7	5	3	22
10		10	22	34	32	20	6	0	3	7	15	23	26	36	39	41	51	51	30	21	22	21	25	46	59	27
11		64	64	78	84	62	39	20	15	38	40	37	37	38	39	36	33	31	28	21	15	15	16	19	23	37
12		34	41	38	36	26	11	3	5	9	22	24	27	30	33	21	17	19	24	14	4	4	2	2	2	17
13		7	9	11	12	8	1	2	2	4	16	27	31	36	30	33	23	17	15	15	10	9	15	13	16	15
14		25	32	23	21	21	12	12	10	14	19	28	27	33	31	36	40	35	35	23	8	6	6	6	7	21
15		12	13	14	15	15	11	10	12	33	41	39	45	50	46	56	49	46	35	27	17	16	16	17	14	27
16		22	26	25	24	20	16	15	17	22	22	27	28	31	30	24	18	17	16	12	14	9	7	7	7	19
17		13	16	17	23	19	8	6	7	16	27	29	36	31	24	23	22	18	25	27	34	38	30	12	9	21
18		18	27	33	39	35	26	18	13	16	23	35	40	40	37	36	36	33	19	11	7	6	5	6	6	24
19		11	13	13	13	9	7	7	9	17	25	36	42	54	71	77	62	48	51	48	43	44	40	23	28	33
20		38	43	41	39	40	30	19	17	21	30	31	36	36	38	32	30	29	23	16	9	9	7	7	7	26
21		12	14	14	14	11	10	9	9	10	16	29	30	30	31	34	32	29	28	23	20	24	28	30	37	22
22		35	29	27	32	31	30	23	14	16	18	16	15	33	57	52	67	64	51	21	11	10	21	27	14	30
23		15	13	13	13	12	12	15	18	14	15	17	23	39	32	25	32	28	17	11	11	9	9	9	9	17
24		13	16	21	19	17	10	9	8	9	11	14	20	26	34	29	31	29	30	29	22	16	17	21	21	20
25		24	29	32	36	30	16	10	15	22	24	31	34	37	48	61	59	53	53	44	35	17	12	10	8	31
26		16	19	20	23	20	16	8	8	11	15	23	26	35	39	45	36	29	39	44	35	36	19	16	36	25
27		53	62	57	40	26	13	9	11	14	20	25	43	45	69	75	74	62	36	14	15	21	23	19	23	35
28		26	26	38	36	26	15	9	9	11	17	30	29	36	27	28	21	15	12	11	8	10	8	8	8	19
29		12	13	13	21	13	10	8	8	12	17	24	31	36	36	30	30	24	16	11	7	8	8	8	8	17
30		13	17	23	19	12	12	11	12	18	25	25	29	36	33	34	33	29	24	11	11	7	8	7	7	19
MEAN		26	28	30	32	26	18	12	12	21	28	36	42	48	50	49	47	42	39	32	23	19	18	16	19	30

UNITS - PARTS PER BILLION

MONTH OCT 73

PERCENTAGE OF DATA VALID - 95

UNITS - PARTS PER BILLION

MONTH NOV 73

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 73

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													20	26		14	6	1	1	2	5	9	15	15	****
15	17	20	27	34	34	34	31	30	22	23	24	31	31	24	24	20	14	5	6	6	5	7	9	9	20
16	10	14	13	16	25	25	24	20	23	36	37	38	37	35	30	24	10	4	2	3	2	3	11	15	19
17	27	32	41	36	35	35	32	18	9	8	12	11	19	18	22	20	13	12	16	25	26	27	30	32	23
18	31	38	40	38	34	36	19	4	8	13	23	20	16	14	9	6	1	0	0	0	1	1	0	3	15
19	1	0	1	3	2	1	0	1	0	2	4	3	4	5	4	2	1	1	3	3	3	6	7	11	3
20	11	13	13	12	8	7	4	0	1	2	3	3	4	4	3	2	1	1	2	4	6	5	10	10	5
21	13	14	24	28	30	29	27	21	18	28	28	28	38	34	15	16	10	14	16	15	13	18	16	15	21
22	16	18	18	21	24	17	14	3	2	5	8	14	22	20	10	6	7	14	23	23	22	11	3	11	14
23	17	13	7	4	5	8	7	6	5	6	11	25	37	41	32	33	12	8	8	6	6	10	15	8	14
24	13	13	13	12	11	8	6	3	3	7	10	9	10	9	4	9	6	2	7	31	40	44	38	31	14
25	36	28	28	21	2	2	1	0	12	15	19	16	9	7	5	3	2	2	2	4	23	29	29	15	13
26	9	3	8	12	22	21	11	3	3	6	13	17	21	4	4	2	1	1	5	8	10	12	17	9	
27	25	22	24	18	17	13	2	1	0	1	1	2	1	1	2	3	4	3	3	3	2	1	1	2	6
28	2	0	6	22	29	29	21	7	4	6	17	26	23	18	13	11	6	3	2	2	5	6	4	2	11
29	2	0	0	1	1	2	3	2	3	5	7	7	6	5	4	5	3	1	0	0	16	38	40	36	8
30	34	34	32	32	29	26	33	34	30	34	36	36	39	44	35	30	25	10	3	3	2	3	3	1	25
31	2	1	0	0	0	0	1	1	3	7	13	19	18	18	17	17	3	2	0	0	1	0	0	2	5
MEAN	16	15	17	18	18	17	14	9	9	12	16	18	20	18	14	12	7	5	6	8	10	13	14	13	13

PERCENTAGE OF DATA VALID - 56

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	25	33	59	94
JUL	31	62	106	164
AUG	31	56	96	135
SEP	30	30	69	123
OCT	31	15	28	51
NOV	12	12	16	27
DEC	18	13	25	44
YEAR	178	35	106	164

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS PER BILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN	65	87	110	177	86	12	0	537
JUL	27	50	37	137	311	169	5	736
AUG	73	85	73	114	195	198	0	738
SEP	121	185	142	172	57	41	0	718
OCT	259	254	147	52	1	0	0	713
NOV	124	142	12	0	0	0	0	278
DEC	218	90	60	51	0	0	0	419
YEAR	887	893	581	703	650	420	5	4139

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
30	0	5.8	13.4	24.8	43.3	81.2	96.0	114.8	126.3	164	35.2

245
8184

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